DOCUMENT RESUME

ED 392 387 HE 029 058

| | |
|---|---|
| AUTHOR | Barbett, Samuel |
| TITLE | Residence and Migration of First-Time Freshmen Enrolled in Higher Education Institutions: Fall 1994. E.D. TABS. |
| INSTITUTION | National Center for Education Statistics (ED), Washington, DC. |
| REPORT NO | NCES-96-846 |
| PUB DATE | Mar 96 |
| NOTE | 43p. |
| PUB TYPE | Statistical Data (110) |
| EDRS PRICE | MF01/PC02 Plus Postage. |
| DESCRIPTORS | *College Freshmen; Data Collection; Higher Education; National Surveys; *Place of Residence; *Student Mobility |
| IDENTIFIERS | *Integrated Postsecondary Education Data System |

ABSTRACT

This report presents 23 tables of data on residence and migration of first-time freshmen based on the 1994 "Fall Enrollment" survey, part of the Integrated Postsecondary Education Data System. The survey counted 2.14 million first-time freshmen. More than 366,000 (17 percent) migrated between states. The percent of freshmen who left their state to attend college ranged from a low of 6.7 percent in Utah to a high of 50.2 percent in Alaska. In-migrants comprised almost 76 percent of the District of Columbia's total freshmen enrollment and over half the freshmen in New Hampshire, Rhode Island, and Vermont. First time freshmen who had graduated in the previous 12 months comprised 69 percent of the total. Twenty-two percent of freshmen were enrolled in private higher education institutions. Over half of the freshmen who migrated between states did so to enroll in private institutions. The percent of freshmen enrolled in private institutions ranged from more than 40 percent in the District of Columbia, Massachusetts, New Hampshire, Pennsylvania, Rhode Island, and Vermont to less than 10 percent in Alaska, Arizona, California, Mississippi, Nevada, New Mexico, Washington, and Wyoming. Also, 84 percent of those migrating out of state did so to attend a 4-year school. The tables report the data by state or territory. Information on the survey methodology is appended. (DB)

**********
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
**********

ED 392 387

NATIONAL CENTER FOR EDUCATION STATISTICS

E.D. TABS March 1996

# Residence and Migration of First-Time Freshmen Enrolled in Higher Education Institutions: Fall 1994

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)
This document has been reproduced as received from the person or organization originating it.
Minor changes have been made to improve reproduction quality.
• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

U.S. Department of Education
Office of Educational Research and Improvement NCES 96-846



BEST COPY AVAILABLE

NATIONAL CENTER FOR EDUCATION STATISTICS

E.D. TABS March 1996

# Residence and Migration of First-Time Freshmen Enrolled in Higher Education Institutions: Fall 1994

Samuel Barbett
Postsecondary Education Statistics Division
National Center for Education Statistics

U.S. Department of Education
Office of Educational Research and Improvement NCES 96-846

**U.S. Department of Education**
Richard W. Riley
*Secretary*

**Office of Educational Research and Improvement**
Sharon P. Robinson
*Assistant Secretary*

**National Center for Education Statistics**
Jeanne E. Griffith
*Acting Commissioner*

The National Center for Education Statistics (NCES) is the primary federal entity for collecting, analyzing, and reporting data related to education in the United States and other nations. It fulfills a congressional mandate to collect, collate, analyze, and report full and complete statistics on the condition of education in the United States; conduct and publish reports and specialized analyses of the meaning and significance of such statistics; assist state and local education agencies in improving their statistical systems; and review and report on education activities in foreign countries.

NCES activities are designed to address high priority education data needs; provide consistent, reliable, complete, and accurate indicators of education status and trends; and report timely, useful, and high quality data to the U.S. Department of Education, the Congress, the states, other education policymakers, practitioners, data users, and the general public.

We strive to make our products available in a variety of formats and in language that is appropriate to a variety of audiences. You, as our customer, are the best judge of our success in communicating information effectively. If you have any comments or suggestions about this or any other NCES product or report, we would like to hear from you. Please direct your comments to:

National Center for Education Statistics
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW
Washington, DC 20208–5574

March 1996

Contact:
Samuel Barbett
(202) 219-1592
e-Mail:
Samuel_Barbett@ed.gov

## Highlights

This report presents detailed tabulations of data on the residence and migration of first-time freshmen enrolled in higher education institutions in the fall of 1994. The data are from the residency portion of the "Fall Enrollment" survey, part of the Integrated Postsecondary Education Data System (IPEDS) of the National Center for Education Statistics (NCES)[1]. IPEDS provides comprehensive and consistent data for all postsecondary institutions in the United States and outlying areas, including higher education institutions.

The 1994 IPEDS Fall Enrollment survey collected information on the number of students enrolled in postsecondary institutions by student level, enrollment status (full- or part-time), race/ethnicity and gender. It also collected enrollment by state of residence for all first-time freshmen including those first-time freshmen who had graduated from high school in the 12 months preceding the fall of 1994. Residence data were collected only from 4- and 2-year higher education institutions, that is, institutions that are accredited at the college level by an agency recognized by the Secretary of Education. The tables in this report are presented by state, by control (public and private) and level of institution, for all first-time freshmen and separately for first-time freshmen who graduated from high school in the 12 months prior to the fall of 1994.

The IPEDS residence report for the fall of 1994 accounted for 2.14 million first-time freshmen.[2] Over 366,000 of these freshmen (17 percent of all enrolled first-time freshmen) migrated between states, that is, they enrolled in a higher education institution that was in a state different from the student's state of residence (table 1).

The percent of first-time freshmen who left their state to attend college varied considerably by state, ranging from a low of 6.7 percent in Utah to a high of 50.2 percent in Alaska (table 3). Additional states that had less than 10 percent of their freshmen leaving the state included Alabama (7.1 percent), Arizona (9.0 percent), California (7.3 percent), Michigan (9.0 percent), Mississippi (8.8 percent), North Carolina (8.0 percent), Oklahoma (9.6 percent), Texas (7.9 percent) and Washington (7.9 percent). In addition to Alaska, states that had over 30 percent of their first-time freshmen leave the state to attend college included Connecticut (42.7 percent), District of Columbia (39.7) Maine (36.5 percent), New Hampshire (40.0 percent), New Jersey (38.0 percent), Rhode Island (30.6 percent), and Vermont (43.6).

---

[1] Additional data from the fall enrollment part of the survey are also published and are available to interested readers; see U. S. Department of Education, National Center for Education Statistics, *Trends in Enrollment in Higher Education by Racial/Ethnic Category: Fall 1986 Through Fall 1994*, 1995.

[2] This is about 23,000 less than the number of first-time freshmen reported from Part A of the Fall Enrollment survey. See methodology section, appendix table B3, for a full explanation of the difference. Includes all first-time degree-credit enrollees regardless of program.

Several states had such sufficiently large numbers of freshmen students migrating into their state to attend college that it significantly affected the state's total enrollment of first-time freshmen. For example, in-migrants comprised almost 76 percent of the District of Columbia's total enrollment of first-time freshmen; in New Hampshire, Rhode Island and Vermont over half their classes of first-time freshmen were from out of state; and in Connecticut, Delaware, Massachusetts, Nevada, North Dakota, and South Dakota over 30 percent of the state's enrollment of first-time freshmen were from a different state (table 3).

First-time freshmen who had graduated in the 12 months prior to the fall of 1994 comprised only about 69 percent of the total class of first-time freshmen. This varied by state, ranging from a low of 41.7 percent in Washington to a high of 87.3 percent in the District of Columbia. (derived from tables 1 and 2). The migration of recent high school graduates out of their states of residence to attend college resembled the migration of all first-time freshmen. However, a slightly higher percentage of recent high school graduates than all first-time freshmen (20 vs 17 percent, tables 1 and 2) left their home state to attend college. The percent of enrollment of recent high school graduates due to in-migration was generally higher in states that had a high percentage of freshmen in-migrants. Similarly, in states that had a high percentage of out-migrating freshmen, the percent of recent graduates who left the state to enrolled in school was higher than that of first-time freshmen as a whole (table 3).

Twenty-two percent of all first-time freshmen and 26 percent of recent high school graduate first-time freshmen were enrolled in private higher education institutions in the nation (table 8). Over 53 percent of all first-time freshmen and almost 58 percent of recent graduate first-time freshmen who migrated between states did so to enroll in a private institution (table 9).

The percent of all first-time freshmen enrolled in private higher education institutions ranged from over 40 percent in the District of Columbia, Massachusetts, New Hampshire, Pennsylvania, Rhode Island, and Vermont to less than 10 percent in Alaska, Arizona, California, Mississippi, Nevada, New Mexico, Washington and Wyoming. In all but 15 states, the majority of individuals who left the state to attend college for the first time did so to attend a private institution. States with a large number of private higher education institutions were the primary beneficiaries of this migration. In Massachusetts, for example, where 72.5 percent of the higher education institutions are private, and private institutions make up 59 percent of total FTE enrollment in the state[3], 87 percent of the first-time freshmen who migrated into Massachusetts attended a private institution (table 8).

First-time students also went out of state to attend a 4-year rather than a 2-year institution. Overall, in the fall of 1994, 53 percent of first-time freshmen were enrolled in a 4-year institution. However, only 46.6 percent remained in state to attend a 4-year school, whereas 84.1 percent of those migrating out of state did so to attend a 4-year school (table 12). Among

---

[3]*State Higher Education Profiles: Sixth Edition*, U.S. Department of Education, National Center for Education Statistics, 1993.

first-time freshmen who were recent high school graduates, two-thirds were enrolled in a 4-year higher education institution. Sixty-one percent remained in their home state to attend a 4-year college, but 92 percent of those who left their home state, left to attend a 4-year school (table 13).

## Contents

**Highlights** . . . . . iii

**Tables**

Table 1. Residence and migration of all first-time freshmen enrolled in all institutions of higher education, by state: Fall 1994 . . . . . 1

Table 2. Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in all institutions of higher education, by state: Fall 1994 . . . . . 2

Table 3. Migration patterns of first-time freshmen enrolled in all institutions of higher education, by state: 50 states and the District of Columbia: Fall 1994 . . . . . 3

Table 4. Residence and migration of all first-time freshmen enrolled in public institutions of higher education, by state: Fall 1994 . . . . . 4

Table 5. Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in public institutions of higher education, by state: Fall 1994 . . . . . 5

Table 6. Residence and migration of all first-time freshmen enrolled in private institutions of higher education, by state: Fall 1994 . . . . . 6

Table 7. Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in private institutions of higher education, by state: Fall 1994 . . . . . 7

Table 8. Percentage of all first-time freshmen enrolled in private institutions of higher education, by residence and migration status and state: Fall 1994 . . . . . 8

Table 9. Percentage of first-time freshmen graduating from high school in the past 12 months enrolled in private institutions of higher education, by residence and migration status and state: Fall 1994 . . . . . 9

Table 10. Residence and migration of all first-time freshmen enrolled in 4-year institutions of higher education, by state: Fall 1994 . . . . . 10

Table 11. Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in 4-year institutions of higher education, by state: Fall 1994 . . . . . 11

Table 12. Percentage of all first-time freshmen enrolled in 4-year institutions of higher education, by residence and migration status and state: Fall 1994 . . . . . 12

Table 13. Percentage of first-time freshmen graduating from high school in the past 12 months enrolled in 4-year institutions of higher education, by residence and migration status and state: Fall 1994 . . . . . 13

Table 14. Residence and migration of all first-time freshmen enrolled in 2-year institutions of higher education, by state: Fall 1994 . . . . . 14

Table 15. Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in 2-year institutions of higher education, by state: Fall 1994 . . . . . 15

Table 16. Residence and migration of all first-time freshmen enrolled in public 4-year institutions of higher education, by state: Fall 1994 . . . . . 16

Table 17. Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in public 4-year institutions of higher education, by state: Fall 1994 . . . . . 17

Table 18. Residence and migration of all first-time freshmen enrolled in private 4-year institutions of higher education, by state: Fall 1994 . . . . . 18

Table 19. Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in private 4-year institutions of higher education, by state: Fall 1994 . . . . . 19

Table 20. Residence and migration of all first-time freshmen enrolled in public 2-year institutions of higher education, by state: Fall 1994 . . . . . 20

Table 21. Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in public 2-year institutions of higher education, by state: Fall 1994 . . . . . 21

Table 22. Residence and migration of all first-time freshmen enrolled in private 2-year institutions of higher education, by state: Fall 1994 . . . . . 22

Table 23. Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in private 2-year institutions of higher education, by state: Fall 1994 . . . . . 23

**Appendixes**

**Appendix A: Description of Survey** . . . . . 25

Table A1. Data requested in the 1994 Fall Enrollment Survey, by survey form . . . . . 25

**Appendix B: Survey Methodology** . . . . . 26

Table B1. Number of institutions in the 1994 Fall Enrollment Survey and survey response rates by survey form, accreditation status, and by sector of institution . . . . . 28

Table B2. Number of higher education institutions and total enrollment of first-time freshmen for parts A and C in the 1994 Fall Enrollment Survey, by survey form and by response status of institution . . . . . 31

Table B3. Reported and imputed first-time freshmen enrolled in all institutions of higher education, by survey form and part, and by state: Fall 1994 . . . . . 32

**Acknowledgements** . . . . . 33

**Table 1 .— Residence and migration of all first-time freshmen enrolled in all institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 2,140,803 | 2,140,803 | 1,774,468 | 366,335 | 366,335 |
| Alabama | 41,542 | 36,857 | 34,230 | 2,627 | 7,312 |
| Alaska | 1,761 | 2,988 | 1,487 | 1,501 | 274 |
| Arizona | 32,753 | 28,930 | 26,320 | 2,610 | 6,433 |
| Arkansas | 16,178 | 15,728 | 13,454 | 2,274 | 2,724 |
| California | 255,308 | 254,425 | 235,856 | 18,569 | 19,452 |
| Colorado | 32,113 | 29,362 | 24,109 | 5,253 | 8,004 |
| Connecticut | 21,524 | 25,661 | 14,699 | 10,962 | 6,825 |
| Delaware | 6,921 | 5,745 | 4,074 | 1,671 | 2,847 |
| District of Columbia | 9,706 | 3,877 | 2,339 | 1,538 | 7,367 |
| Florida | 70,212 | 67,821 | 57,316 | 10,505 | 12,896 |
| Georgia | 58,991 | 56,834 | 49,857 | 6,977 | 9,134 |
| Hawaii | 10,279 | 10,314 | 8,320 | 1,994 | 1,959 |
| Idaho | 10,646 | 9,770 | 7,738 | 2,032 | 2,908 |
| Illinois | 110,396 | 120,047 | 102,114 | 17,933 | 8,282 |
| Indiana | 48,059 | 42,528 | 37,023 | 5,505 | 11,036 |
| Iowa | 35,229 | 31,423 | 27,737 | 3,686 | 7,492 |
| Kansas | 24,641 | 22,762 | 20,340 | 2,422 | 4,301 |
| Kentucky | 28,604 | 27,210 | 24,091 | 3,119 | 4,513 |
| Louisiana | 30,897 | 29,129 | 25,413 | 3,716 | 5,484 |
| Maine | 8,102 | 9,283 | 5,893 | 3,390 | 2,209 |
| Maryland | 32,734 | 35,472 | 24,962 | 10,510 | 7,772 |
| Massachusetts | 65,768 | 55,720 | 42,892 | 12,828 | 22,876 |
| Michigan | 83,446 | 84,406 | 76,823 | 7,583 | 6,623 |
| Minnesota | 37,991 | 38,095 | 29,384 | 8,711 | 8,607 |
| Mississippi | 25,862 | 24,512 | 22,349 | 2,163 | 3,513 |
| Missouri | 38,302 | 35,660 | 29,961 | 5,699 | 8,341 |
| Montana | 6,819 | 7,219 | 5,225 | 1,994 | 1,594 |
| Nebraska | 16,616 | 16,498 | 13,883 | 2,615 | 2,733 |
| Nevada | 6,939 | 6,404 | 4,746 | 1,658 | 2,193 |
| New Hampshire | 11,373 | 9,275 | 5,569 | 3,706 | 5,804 |
| New Jersey | 43,063 | 63,528 | 39,376 | 24,152 | 3,687 |
| New Mexico | 13,864 | 15,170 | 12,059 | 3,111 | 1,805 |
| New York | 155,799 | 156,987 | 130,998 | 25,989 | 24,801 |
| North Carolina | 51,346 | 42,658 | 39,256 | 3,402 | 12,090 |
| North Dakota | 8,122 | 7,048 | 5,544 | 1,504 | 2,578 |
| Ohio | 88,460 | 86,809 | 75,746 | 11,063 | 12,714 |
| Oklahoma | 29,345 | 28,797 | 26,032 | 2,765 | 3,313 |
| Oregon | 23,321 | 21,992 | 18,209 | 3,783 | 5,112 |
| Pennsylvania | 97,982 | 91,568 | 76,826 | 14,742 | 21,156 |
| Rhode Island | 12,645 | 7,958 | 5,524 | 2,434 | 7,121 |
| South Carolina | 28,532 | 26,626 | 23,547 | 3,079 | 4,985 |
| South Dakota | 6,600 | 6,038 | 4,543 | 1,495 | 2,057 |
| Tennessee | 33,870 | 31,499 | 26,715 | 4,784 | 7,155 |
| Texas | 127,166 | 124,773 | 114,927 | 9,846 | 12,239 |
| Utah | 24,383 | 19,397 | 18,096 | 1,301 | 6,287 |
| Vermont | 6,132 | 4,616 | 2,603 | 2,013 | 3,529 |
| Virginia | 45,272 | 41,233 | 33,012 | 8,221 | 12,260 |
| Washington | 68,604 | 65,505 | 60,346 | 5,159 | 8,258 |
| West Virginia | 15,799 | 13,818 | 11,725 | 2,093 | 4,074 |
| Wisconsin | 46,479 | 45,339 | 39,109 | 6,230 | 7,370 |
| Wyoming | 4,814 | 4,646 | 3,597 | 1,049 | 1,217 |
| State unknown | * | 24,904 | * | 24,904 | * |
| American Samoa | 0 | 53 | 0 | 53 | 0 |
| Federated States of Micronesia | 410 | 1,322 | 409 | 913 | 1 |
| Guam | 956 | 191 | 14 | 177 | 942 |
| Marshall Islands | 22 | 34 | 18 | 16 | 4 |
| Northern Marianas | 440 | 450 | 440 | 10 | 0 |
| Palau | 13 | 19 | 13 | 6 | 0 |
| Puerto Rico | 27,276 | 28,121 | 27,221 | 900 | 55 |
| Virgin Islands | 376 | 774 | 359 | 415 | 17 |
| Foreign countries | * | 34,975 | * | 34,975 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 2 .— Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in all institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 1,467,796 | 1,467,796 | 1,171,444 | 296,352 | 296,352 |
| Alabama | 28,927 | 24,757 | 22,554 | 2,203 | 6,373 |
| Alaska | 1,198 | 2,227 | 997 | 1,230 | 201 |
| Arizona | 17,850 | 15,160 | 13,002 | 2,158 | 4,848 |
| Arkansas | 12,734 | 12,535 | 10,689 | 1,846 | 2,045 |
| California | 167,374 | 168,803 | 153,097 | 15,706 | 14,277 |
| Colorado | 18,410 | 17,435 | 12,773 | 4,662 | 5,637 |
| Connecticut | 15,055 | 19,120 | 9,011 | 10,109 | 6,044 |
| Delaware | 5,504 | 4,343 | 2,818 | 1,525 | 2,686 |
| District of Columbia | 8,476 | 3,039 | 1,758 | 1,281 | 6,718 |
| Florida | 48,583 | 48,192 | 39,134 | 9,058 | 9,449 |
| Georgia | 38,246 | 36,797 | 30,746 | 6,051 | 7,500 |
| Hawaii | 5,944 | 6,943 | 5,188 | 1,755 | 756 |
| Idaho | 7,316 | 6,545 | 4,860 | 1,685 | 2,456 |
| Illinois | 64,861 | 74,362 | 58,504 | 15,858 | 6,357 |
| Indiana | 37,514 | 32,316 | 27,758 | 4,558 | 9,756 |
| Iowa | 24,063 | 20,978 | 17,769 | 3,209 | 6,294 |
| Kansas | 16,910 | 15,429 | 13,397 | 2,032 | 3,513 |
| Kentucky | 21,823 | 20,454 | 17,985 | 2,469 | 3,838 |
| Louisiana | 24,550 | 22,766 | 19,584 | 3,182 | 4,966 |
| Maine | 5,913 | 6,831 | 3,863 | 2,968 | 2,050 |
| Maryland | 21,803 | 24,700 | 15,285 | 9,415 | 6,518 |
| Massachusetts | 46,209 | 37,740 | 26,154 | 11,586 | 20,055 |
| Michigan | 54,817 | 55,492 | 49,170 | 6,322 | 5,647 |
| Minnesota | 25,651 | 26,790 | 19,359 | 7,431 | 6,292 |
| Mississippi | 19,922 | 18,713 | 16,821 | 1,892 | 3,101 |
| Missouri | 28,430 | 26,645 | 21,875 | 4,770 | 6,555 |
| Montana | 5,031 | 5,399 | 3,707 | 1,692 | 1,324 |
| Nebraska | 11,532 | 11,463 | 9,234 | 2,229 | 2,298 |
| Nevada | 3,282 | 3,807 | 2,425 | 1,382 | 857 |
| New Hampshire | 8,148 | 6,481 | 3,464 | 3,017 | 4,684 |
| New Jersey | 30,524 | 49,681 | 27,486 | 22,195 | 3,038 |
| New Mexico | 7,693 | 8,522 | 6,379 | 2,143 | 1,314 |
| New York | 106,847 | 110,750 | 87,169 | 23,581 | 19,678 |
| North Carolina | 39,418 | 30,960 | 28,285 | 2,675 | 11,133 |
| North Dakota | 6,609 | 5,353 | 4,309 | 1,044 | 2,300 |
| Ohio | 61,777 | 61,673 | 51,983 | 9,690 | 9,794 |
| Oklahoma | 16,516 | 16,482 | 14,221 | 2,261 | 2,295 |
| Oregon | 16,487 | 16,103 | 12,766 | 3,337 | 3,721 |
| Pennsylvania | 74,938 | 68,581 | 55,543 | 13,038 | 19,395 |
| Rhode Island | 10,344 | 5,795 | 3,644 | 2,151 | 6,700 |
| South Carolina | 20,994 | 19,271 | 16,594 | 2,677 | 4,400 |
| South Dakota | 4,786 | 4,342 | 3,067 | 1,275 | 1,719 |
| Tennessee | 26,527 | 24,407 | 20,227 | 4,180 | 6,300 |
| Texas | 86,748 | 86,586 | 78,262 | 8,324 | 8,486 |
| Utah | 19,420 | 15,072 | 13,994 | 1,078 | 5,426 |
| Vermont | 4,802 | 3,306 | 1,573 | 1,733 | 3,229 |
| Virginia | 35,769 | 32,385 | 25,141 | 7,244 | 10,628 |
| Washington | 28,578 | 28,617 | 24,425 | 4,192 | 4,153 |
| West Virginia | 12,162 | 10,183 | 8,561 | 1,622 | 3,601 |
| Wisconsin | 31,404 | 32,013 | 26,627 | 5,386 | 4,777 |
| Wyoming | 3,286 | 3,173 | 2,334 | 839 | 952 |
| State unknown | * | 8,821 | * | 8,821 | * |
| American Samoa | 0 | 38 | 0 | 38 | 0 |
| Federated States of Micronesia | 212 | 462 | 212 | 250 | 0 |
| Guam | 177 | 166 | 7 | 159 | 170 |
| Marshall Islands | 11 | 22 | 9 | 13 | 2 |
| Northern Marianas | 440 | 445 | 440 | 5 | 0 |
| Palau | 13 | 17 | 13 | 4 | 0 |
| Puerto Rico | 24,956 | 25,677 | 24,916 | 761 | 40 |
| Virgin Islands | 282 | 554 | 276 | 278 | 6 |
| Foreign countries | * | 22,077 | * | 22,077 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 3.— Migration patterns of first-time freshmen enrolled in all institutions of higher education, by state: 50 states and the District of Columbia: Fall 1994**

| State | All first-time freshman | | | Graduated high school in past 12 months | | |
|---|---|---|---|---|---|---|
| | Net migration | Percent of enrollment due to in-migration | Percent of enrolled residents leaving state | Net migration | Percent of enrollment due to in-migration | Percent of enrolled residents leaving state |
| Alabama | 4,685 | 17.60 | 7.13 | 4,170 | 22.03 | 8.90 |
| Alaska | -1,227 | 15.56 | 50.23 | -1,029 | 16.78 | 55.23 |
| Arizona | 3,823 | 19.64 | 9.02 | 2,690 | 27.16 | 14.23 |
| Arkansas | 450 | 16.84 | 14.46 | 199 | 16.06 | 14.73 |
| California | 883 | 7.62 | 7.30 | -1,429 | 8.53 | 9.30 |
| Colorado | 2,751 | 24.92 | 17.89 | 975 | 30.62 | 26.74 |
| Connecticut | -4,137 | 31.71 | 42.72 | -4,065 | 40.15 | 52.87 |
| Delaware | 1,176 | 41.14 | 29.09 | 1,161 | 48.80 | 35.11 |
| District of Columbia | 5,829 | 75.90 | 39.67 | 5,437 | 79.26 | 42.15 |
| Florida | 2,391 | 18.37 | 15.49 | 391 | 19.45 | 18.80 |
| Georgia | 2,157 | 15.48 | 12.28 | 1,449 | 19.61 | 16.44 |
| Hawaii | -35 | 19.06 | 19.33 | 999 | 12.72 | 25.28 |
| Idaho | 876 | 27.32 | 20.80 | 771 | 33.57 | 25.74 |
| Illinois | -9,651 | 7.50 | 14.94 | -9,501 | 9.80 | 21.33 |
| Indiana | 5,531 | 22.96 | 12.94 | 5,198 | 26.01 | 14.10 |
| Iowa | 3,806 | 21.27 | 11.73 | 3,085 | 26.16 | 15.30 |
| Kansas | 1,879 | 17.45 | 10.64 | 1,481 | 20.77 | 13.17 |
| Kentucky | 1,394 | 15.78 | 11.46 | 1,369 | 17.59 | 12.07 |
| Louisiana | 1,768 | 17.75 | 12.76 | 1,784 | 20.23 | 13.98 |
| Maine | -1,181 | 27.26 | 36.52 | -918 | 34.67 | 43.45 |
| Maryland | -2,738 | 23.74 | 29.63 | -2,897 | 29.89 | 38.12 |
| Massachusetts | 10,048 | 34.78 | 23.02 | 8,469 | 43.40 | 30.70 |
| Michigan | -960 | 7.94 | 8.98 | -675 | 10.30 | 11.39 |
| Minnesota | -104 | 22.66 | 22.87 | -1,139 | 24.53 | 27.74 |
| Mississippi | 1,350 | 13.58 | 8.82 | 1,209 | 15.57 | 10.11 |
| Missouri | 2,642 | 21.78 | 15.98 | 1,785 | 23.06 | 17.90 |
| Montana | -400 | 23.38 | 27.62 | -368 | 26.32 | 31.34 |
| Nebraska | 118 | 16.45 | 15.85 | 69 | 19.93 | 19.45 |
| Nevada | 535 | 31.60 | 25.89 | -525 | 26.11 | 36.30 |
| New Hampshire | 2,098 | 51.03 | 39.96 | 1,667 | 57.49 | 46.55 |
| New Jersey | -20,465 | 8.56 | 38.02 | -19,157 | 9.95 | 44.68 |
| New Mexico | -1,306 | 13.02 | 20.51 | -829 | 17.08 | 25.15 |
| New York | -1,188 | 15.92 | 16.55 | -3,903 | 18.42 | 21.29 |
| North Carolina | 8,688 | 23.55 | 7.98 | 8,458 | 28.24 | 8.64 |
| North Dakota | 1,074 | 31.74 | 21.34 | 1,256 | 34.80 | 19.50 |
| Ohio | 1,651 | 14.37 | 12.74 | 104 | 15.85 | 15.71 |
| Oklahoma | 548 | 11.29 | 9.60 | 34 | 13.90 | 13.72 |
| Oregon | 1,329 | 21.92 | 17.20 | 384 | 22.57 | 20.72 |
| Pennsylvania | 6,414 | 21.59 | 16.10 | 6,357 | 25.88 | 19.01 |
| Rhode Island | 4,687 | 56.31 | 30.59 | 4,549 | 64.77 | 37.12 |
| South Carolina | 1,906 | 17.47 | 11.56 | 1,723 | 20.96 | 13.89 |
| South Dakota | 562 | 31.17 | 24.76 | 444 | 35.92 | 29.36 |
| Tennessee | 2,371 | 21.12 | 15.19 | 2,120 | 23.75 | 17.13 |
| Texas | 2,393 | 9.62 | 7.89 | 162 | 9.78 | 9.61 |
| Utah | 4,986 | 25.78 | 6.71 | 4,348 | 27.94 | 7.15 |
| Vermont | 1,516 | 57.55 | 43.61 | 1,496 | 67.24 | 52.42 |
| Virginia | 4,039 | 27.08 | 19.94 | 3,384 | 29.71 | 22.37 |
| Washington | 3,099 | 12.04 | 7.88 | -39 | 14.53 | 14.65 |
| West Virginia | 1,981 | 25.79 | 15.15 | 1,979 | 29.61 | 15.93 |
| Wisconsin | 1,140 | 15.86 | 13.74 | -609 | 15.21 | 16.82 |
| Wyoming | 168 | 25.28 | 22.58 | 113 | 28.97 | 26.44 |

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

BEST COPY AVAILABLE

**Table 4 .— Residence and migration of all first-time freshmen enrolled in public institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 1,660,818 | 1,660,818 | 1,490,153 | 170,665 | 170,665 |
| Alabama | 36,979 | 33,040 | 31,812 | 1,228 | 5,167 |
| Alaska | 1,660 | 2,258 | 1,413 | 845 | 247 |
| Arizona | 30,106 | 25,508 | 24,581 | 927 | 5,525 |
| Arkansas | 13,437 | 13,458 | 12,100 | 1,358 | 1,337 |
| California | 230,492 | 225,822 | 217,339 | 8,483 | 13,153 |
| Colorado | 28,271 | 23,892 | 21,755 | 2,137 | 6,516 |
| Connecticut | 13,194 | 14,926 | 11,952 | 2,974 | 1,242 |
| Delaware | 6,105 | 4,414 | 3,616 | 798 | 2,489 |
| District of Columbia | 2,502 | 2,491 | 1,826 | 665 | 676 |
| Florida | 56,106 | 52,999 | 48,603 | 4,396 | 7,503 |
| Georgia | 46,371 | 46,396 | 42,890 | 3,506 | 3,481 |
| Hawaii | 7,793 | 8,345 | 7,522 | 823 | 271 |
| Idaho | 7,449 | 7,585 | 6,488 | 1,097 | 961 |
| Illinois | 87,050 | 94,274 | 85,355 | 8,919 | 1,695 |
| Indiana | 33,648 | 30,982 | 28,847 | 2,135 | 4,801 |
| Iowa | 27,088 | 25,515 | 23,532 | 1,983 | 3,556 |
| Kansas | 22,056 | 19,967 | 19,007 | 960 | 3,049 |
| Kentucky | 22,440 | 21,114 | 19,652 | 1,462 | 2,788 |
| Louisiana | 26,428 | 25,795 | 23,518 | 2,277 | 2,910 |
| Maine | 5,367 | 5,557 | 4,707 | 850 | 660 |
| Maryland | 28,127 | 27,159 | 23,249 | 3,910 | 4,878 |
| Massachusetts | 31,881 | 32,298 | 28,906 | 3,392 | 2,975 |
| Michigan | 68,554 | 67,318 | 64,066 | 3,252 | 4,488 |
| Minnesota | 28,893 | 29,414 | 23,691 | 5,723 | 5,202 |
| Mississippi | 23,891 | 22,183 | 20,921 | 1,262 | 2,970 |
| Missouri | 26,176 | 25,935 | 23,137 | 2,798 | 3,039 |
| Montana | 5,934 | 5,566 | 4,605 | 961 | 1,329 |
| Nebraska | 13,539 | 13,549 | 12,093 | 1,456 | 1,446 |
| Nevada | 6,834 | 5,664 | 4,712 | 952 | 2,122 |
| New Hampshire | 5,982 | 5,022 | 3,803 | 1,219 | 2,179 |
| New Jersey | 34,590 | 41,671 | 33,253 | 8,418 | 1,337 |
| New Mexico | 13,020 | 12,887 | 11,417 | 1,470 | 1,603 |
| New York | 98,348 | 101,306 | 92,346 | 8,960 | 6,002 |
| North Carolina | 38,303 | 35,271 | 33,959 | 1,312 | 4,344 |
| North Dakota | 7,308 | 6,124 | 5,094 | 1,030 | 2,214 |
| Ohio | 64,539 | 64,482 | 60,021 | 4,461 | 4,518 |
| Oklahoma | 26,162 | 25,455 | 24,085 | 1,370 | 2,077 |
| Oregon | 19,177 | 17,188 | 16,002 | 1,186 | 3,175 |
| Pennsylvania | 58,381 | 60,167 | 54,051 | 6,116 | 4,330 |
| Rhode Island | 5,546 | 4,923 | 4,186 | 737 | 1,360 |
| South Carolina | 22,913 | 20,979 | 19,632 | 1,347 | 3,281 |
| South Dakota | 5,287 | 4,767 | 3,734 | 1,033 | 1,553 |
| Tennessee | 24,136 | 24,618 | 22,102 | 2,516 | 2,034 |
| Texas | 109,689 | 105,710 | 101,332 | 4,378 | 8,357 |
| Utah | 18,841 | 16,428 | 16,033 | 395 | 2,808 |
| Vermont | 3,655 | 2,565 | 1,920 | 645 | 1,735 |
| Virginia | 33,946 | 31,219 | 27,771 | 3,448 | 6,175 |
| Washington | 63,536 | 59,560 | 57,732 | 1,828 | 5,804 |
| West Virginia | 13,316 | 11,290 | 10,358 | 932 | 2,958 |
| Wisconsin | 38,060 | 37,060 | 33,749 | 3,311 | 4,311 |
| Wyoming | 4,630 | 4,188 | 3,572 | 616 | 1,058 |
| State unknown | * | 19,959 | * | 19,959 | * |
| American Samoa | 0 | 18 | 0 | 18 | 0 |
| Federated States of Micronesia | 410 | 1,063 | 409 | 654 | 1 |
| Guam | 956 | 93 | 14 | 79 | 942 |
| Marshall Islands | 22 | 23 | 18 | 5 | 4 |
| Northern Marianas | 440 | 445 | 440 | 5 | 0 |
| Palau | 13 | 16 | 13 | 3 | 0 |
| Puerto Rico | 10,865 | 11,194 | 10,853 | 341 | 12 |
| Virgin Islands | 376 | 473 | 359 | 114 | 17 |
| Foreign countries | * | 21,230 | * | 21,230 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

**Table 5 .— Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in public institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 1,085,000 | 1,085,000 | 960,179 | 124,821 | 124,821 |
| Alabama | 25,378 | 21,881 | 20,941 | 940 | 4,437 |
| Alaska | 1,156 | 1,640 | 971 | 669 | 185 |
| Arizona | 16,611 | 12,955 | 12,264 | 691 | 4,347 |
| Arkansas | 10,423 | 10,490 | 9,437 | 1,053 | 986 |
| California | 148,387 | 145,988 | 139,270 | 6,718 | 9,117 |
| Colorado | 16,089 | 13,468 | 11,643 | 1,825 | 4,446 |
| Connecticut | 7,768 | 9,442 | 6,840 | 2,602 | 928 |
| Delaware | 4,910 | 3,242 | 2,523 | 719 | 2,387 |
| District of Columbia | 2,000 | 1,946 | 1,440 | 506 | 560 |
| Florida | 39,455 | 37,896 | 34,343 | 3,553 | 5,112 |
| Georgia | 28,547 | 29,061 | 26,115 | 2,946 | 2,432 |
| Hawaii | 5,063 | 5,576 | 4,867 | 709 | 196 |
| Idaho | 4,823 | 4,941 | 4,070 | 871 | 753 |
| Illinois | 47,761 | 54,311 | 46,671 | 7,640 | 1,090 |
| Indiana | 26,158 | 23,671 | 22,074 | 1,597 | 4,084 |
| Iowa | 16,852 | 15,778 | 14,104 | 1,674 | 2,748 |
| Kansas | 14,762 | 13,002 | 12,262 | 740 | 2,500 |
| Kentucky | 17,171 | 15,889 | 14,835 | 1,054 | 2,336 |
| Louisiana | 20,464 | 19,862 | 17,976 | 1,886 | 2,488 |
| Maine | 3,650 | 3,798 | 3,077 | 721 | 573 |
| Maryland | 17,608 | 17,165 | 13,710 | 3,455 | 3,898 |
| Massachusetts | 17,602 | 18,533 | 15,588 | 2,945 | 2,014 |
| Michigan | 45,384 | 44,170 | 41,678 | 2,492 | 3,706 |
| Minnesota | 17,366 | 19,002 | 14,270 | 4,732 | 3,096 |
| Mississippi | 18,315 | 16,742 | 15,668 | 1,074 | 2,647 |
| Missouri | 19,966 | 19,477 | 17,342 | 2,135 | 2,624 |
| Montana | 4,527 | 4,177 | 3,411 | 766 | 1,116 |
| Nebraska | 8,794 | 8,866 | 7,690 | 1,176 | 1,104 |
| Nevada | 3,217 | 3,195 | 2,418 | 777 | 799 |
| New Hampshire | 4,855 | 3,604 | 2,829 | 775 | 2,026 |
| New Jersey | 23,660 | 30,050 | 22,674 | 7,376 | 986 |
| New Mexico | 7,263 | 7,259 | 6,101 | 1,158 | 1,162 |
| New York | 61,314 | 66,122 | 58,351 | 7,771 | 2,963 |
| North Carolina | 26,896 | 24,356 | 23,304 | 1,052 | 3,592 |
| North Dakota | 5,893 | 4,521 | 3,904 | 617 | 1,989 |
| Ohio | 43,924 | 44,034 | 40,382 | 3,652 | 3,542 |
| Oklahoma | 13,969 | 13,686 | 12,662 | 1,024 | 1,307 |
| Oregon | 12,725 | 11,796 | 10,803 | 993 | 1,922 |
| Pennsylvania | 40,946 | 42,621 | 37,462 | 5,159 | 3,484 |
| Rhode Island | 4,165 | 3,500 | 2,896 | 604 | 1,269 |
| South Carolina | 16,291 | 14,542 | 13,437 | 1,105 | 2,854 |
| South Dakota | 3,886 | 3,485 | 2,618 | 867 | 1,268 |
| Tennessee | 18,175 | 18,586 | 16,470 | 2,116 | 1,705 |
| Texas | 71,853 | 70,334 | 66,803 | 3,531 | 5,050 |
| Utah | 14,814 | 12,789 | 12,494 | 295 | 2,320 |
| Vermont | 2,682 | 1,618 | 1,111 | 507 | 1,571 |
| Virginia | 26,927 | 24,599 | 21,637 | 2,962 | 5,290 |
| Washington | 24,297 | 23,608 | 22,336 | 1,272 | 1,961 |
| West Virginia | 10,247 | 8,288 | 7,659 | 629 | 2,588 |
| Wisconsin | 25,112 | 25,681 | 22,938 | 2,743 | 2,174 |
| Wyoming | 3,226 | 2,764 | 2,326 | 438 | 900 |
| State unknown | * | 5,726 | * | 5,726 | * |
| American Samoa | 0 | 17 | 0 | 17 | 0 |
| Federated States of Micronesia | 212 | 369 | 212 | 157 | 0 |
| Guam | 177 | 78 | 7 | 71 | 170 |
| Marshall Islands | 11 | 12 | 9 | 3 | 2 |
| Northern Marianas | 440 | 442 | 440 | 2 | 0 |
| Palau | 13 | 15 | 13 | 2 | 0 |
| Puerto Rico | 10,538 | 10,781 | 10,527 | 254 | 11 |
| Virgin Islands | 282 | 359 | 276 | 83 | 6 |
| Foreign countries | * | 13,194 | * | 13,194 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.



BEST COPY AVAILABLE

**Table 6 .— Residence and migration of all first-time freshmen enrolled in private institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 479,985 | 479,985 | 284,315 | 195,670 | 195,670 |
| Alabama | 4,563 | 3,817 | 2,418 | 1,399 | 2,145 |
| Alaska | 101 | 730 | 74 | 656 | 27 |
| Arizona | 2,647 | 3,422 | 1,739 | 1,683 | 908 |
| Arkansas | 2,741 | 2,270 | 1,354 | 916 | 1,387 |
| California | 24,816 | 28,603 | 18,517 | 10,086 | 6,299 |
| Colorado | 3,842 | 5,470 | 2,354 | 3,116 | 1,488 |
| Connecticut | 8,330 | 10,735 | 2,747 | 7,988 | 5,583 |
| Delaware | 816 | 1,331 | 458 | 873 | 358 |
| District of Columbia | 7,204 | 1,386 | 513 | 873 | 6,691 |
| Florida | 14,106 | 14,822 | 8,713 | 6,109 | 5,393 |
| Georgia | 12,620 | 10,438 | 6,967 | 3,471 | 5,653 |
| Hawaii | 2,486 | 1,969 | 798 | 1,171 | 1,688 |
| Idaho | 3,197 | 2,185 | 1,250 | 935 | 1,947 |
| Illinois | 23,346 | 25,773 | 16,759 | 9,014 | 6,587 |
| Indiana | 14,411 | 11,546 | 8,176 | 3,370 | 6,235 |
| Iowa | 8,141 | 5,908 | 4,205 | 1,703 | 3,936 |
| Kansas | 2,585 | 2,795 | 1,333 | 1,462 | 1,252 |
| Kentucky | 6,164 | 6,096 | 4,439 | 1,657 | 1,725 |
| Louisiana | 4,469 | 3,334 | 1,895 | 1,439 | 2,574 |
| Maine | 2,735 | 3,726 | 1,186 | 2,540 | 1,549 |
| Maryland | 4,607 | 8,313 | 1,713 | 6,600 | 2,894 |
| Massachusetts | 33,887 | 23,422 | 13,986 | 9,436 | 19,901 |
| Michigan | 14,892 | 17,088 | 12,757 | 4,331 | 2,135 |
| Minnesota | 9,098 | 8,681 | 5,693 | 2,988 | 3,405 |
| Mississippi | 1,971 | 2,329 | 1,428 | 901 | 543 |
| Missouri | 12,126 | 9,725 | 6,824 | 2,901 | 5,302 |
| Montana | 885 | 1,653 | 620 | 1,033 | 265 |
| Nebraska | 3,077 | 2,949 | 1,790 | 1,159 | 1,287 |
| Nevada | 105 | 740 | 34 | 706 | 71 |
| New Hampshire | 5,391 | 4,253 | 1,766 | 2,487 | 3,625 |
| New Jersey | 8,473 | 21,857 | 6,123 | 15,734 | 2,350 |
| New Mexico | 844 | 2,283 | 642 | 1,641 | 202 |
| New York | 57,451 | 55,681 | 38,652 | 17,029 | 18,799 |
| North Carolina | 13,043 | 7,387 | 5,297 | 2,090 | 7,746 |
| North Dakota | 814 | 924 | 450 | 474 | 364 |
| Ohio | 23,921 | 22,327 | 15,725 | 6,602 | 8,196 |
| Oklahoma | 3,183 | 3,342 | 1,947 | 1,395 | 1,236 |
| Oregon | 4,144 | 4,804 | 2,207 | 2,597 | 1,937 |
| Pennsylvania | 39,601 | 31,401 | 22,775 | 8,626 | 16,826 |
| Rhode Island | 7,099 | 3,035 | 1,338 | 1,697 | 5,761 |
| South Carolina | 5,619 | 5,647 | 3,915 | 1,732 | 1,704 |
| South Dakota | 1,313 | 1,271 | 809 | 462 | 504 |
| Tennessee | 9,734 | 6,881 | 4,613 | 2,268 | 5,121 |
| Texas | 17,477 | 19,063 | 13,595 | 5,468 | 3,882 |
| Utah | 5,542 | 2,969 | 2,063 | 906 | 3,479 |
| Vermont | 2,477 | 2,051 | 683 | 1,368 | 1,794 |
| Virginia | 11,326 | 10,014 | 5,241 | 4,773 | 6,085 |
| Washington | 5,068 | 5,945 | 2,614 | 3,331 | 2,454 |
| West Virginia | 2,483 | 2,528 | 1,367 | 1,161 | 1,116 |
| Wisconsin | 8,419 | 8,279 | 5,360 | 2,919 | 3,059 |
| Wyoming | 184 | 458 | 25 | 433 | 159 |
| State unknown | * | 4,945 | * | 4,945 | * |
| American Samoa | 0 | 35 | 0 | 35 | 0 |
| Federated States of Micronesia | 0 | 259 | 0 | 259 | 0 |
| Guam | 0 | 98 | 0 | 98 | 0 |
| Marshall Islands | 0 | 11 | 0 | 11 | 0 |
| Northern Marianas | 0 | 5 | 0 | 5 | 0 |
| Palau | 0 | 3 | 0 | 3 | 0 |
| Puerto Rico | 16,411 | 16,927 | 16,368 | 559 | 43 |
| Virgin Islands | 0 | 301 | 0 | 301 | 0 |
| Foreign countries | * | 13,745 | * | 13,745 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 7 .— Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in private institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 382,796 | 382,796 | 211,265 | 171,531 | 171,531 |
| Alabama | 3,549 | 2,876 | 1,613 | 1,263 | 1,936 |
| Alaska | 42 | 587 | 26 | 561 | 16 |
| Arizona | 1,239 | 2,205 | 738 | 1,467 | 501 |
| Arkansas | 2,311 | 2,045 | 1,252 | 793 | 1,059 |
| California | 18,987 | 22,815 | 13,827 | 8,988 | 5,160 |
| Colorado | 2,321 | 3,967 | 1,130 | 2,837 | 1,191 |
| Connecticut | 7,287 | 9,678 | 2,171 | 7,507 | 5,116 |
| Delaware | 594 | 1,101 | 295 | 806 | 299 |
| District of Columbia | 6,476 | 1,093 | 318 | 775 | 6,158 |
| Florida | 9,128 | 10,296 | 4,791 | 5,505 | 4,337 |
| Georgia | 9,699 | 7,736 | 4,631 | 3,105 | 5,068 |
| Hawaii | 881 | 1,367 | 321 | 1,046 | 560 |
| Idaho | 2,493 | 1,604 | 790 | 814 | 1,703 |
| Illinois | 17,100 | 20,051 | 11,833 | 8,218 | 5,267 |
| Indiana | 11,356 | 8,645 | 5,684 | 2,961 | 5,672 |
| Iowa | 7,211 | 5,200 | 3,665 | 1,535 | 3,546 |
| Kansas | 2,148 | 2,427 | 1,135 | 1,292 | 1,013 |
| Kentucky | 4,652 | 4,565 | 3,150 | 1,415 | 1,502 |
| Louisiana | 4,086 | 2,904 | 1,608 | 1,296 | 2,478 |
| Maine | 2,263 | 3,033 | 786 | 2,247 | 1,477 |
| Maryland | 4,195 | 7,535 | 1,575 | 5,960 | 2,620 |
| Massachusetts | 28,607 | 19,207 | 10,566 | 8,641 | 18,041 |
| Michigan | 9,433 | 11,322 | 7,492 | 3,830 | 1,941 |
| Minnesota | 8,285 | 7,788 | 5,089 | 2,699 | 3,196 |
| Mississippi | 1,607 | 1,971 | 1,153 | 818 | 454 |
| Missouri | 8,464 | 7,168 | 4,533 | 2,635 | 3,931 |
| Montana | 504 | 1,222 | 296 | 926 | 208 |
| Nebraska | 2,738 | 2,597 | 1,544 | 1,053 | 1,194 |
| Nevada | 65 | 612 | 7 | 605 | 58 |
| New Hampshire | 3,293 | 2,877 | 635 | 2,242 | 2,658 |
| New Jersey | 6,864 | 19,631 | 4,812 | 14,819 | 2,052 |
| New Mexico | 430 | 1,263 | 278 | 985 | 152 |
| New York | 45,533 | 44,628 | 28,818 | 15,810 | 16,715 |
| North Carolina | 12,522 | 6,604 | 4,981 | 1,623 | 7,541 |
| North Dakota | 716 | 832 | 405 | 427 | 311 |
| Ohio | 17,853 | 17,639 | 11,601 | 6,038 | 6,252 |
| Oklahoma | 2,547 | 2,796 | 1,559 | 1,237 | 988 |
| Oregon | 3,762 | 4,307 | 1,963 | 2,344 | 1,799 |
| Pennsylvania | 33,992 | 25,960 | 18,081 | 7,879 | 15,911 |
| Rhode Island | 6,179 | 2,295 | 748 | 1,547 | 5,431 |
| South Carolina | 4,703 | 4,729 | 3,157 | 1,572 | 1,546 |
| South Dakota | 900 | 857 | 449 | 408 | 451 |
| Tennessee | 8,352 | 5,821 | 3,757 | 2,064 | 4,595 |
| Texas | 14,895 | 16,252 | 11,459 | 4,793 | 3,436 |
| Utah | 4,606 | 2,283 | 1,500 | 783 | 3,106 |
| Vermont | 2,120 | 1,688 | 462 | 1,226 | 1,658 |
| Virginia | 8,842 | 7,786 | 3,504 | 4,282 | 5,338 |
| Washington | 4,281 | 5,009 | 2,089 | 2,920 | 2,192 |
| West Virginia | 1,915 | 1,895 | 902 | 993 | 1,013 |
| Wisconsin | 6,292 | 6,332 | 3,689 | 2,643 | 2,603 |
| Wyoming | 60 | 409 | 8 | 401 | 52 |
| State unknown | * | 3,095 | * | 3,095 | * |
| American Samoa | 0 | 21 | 0 | 21 | 0 |
| Federated States of Micronesia | 0 | 93 | 0 | 93 | 0 |
| Guam | 0 | 88 | 0 | 88 | 0 |
| Marshall Islands | 0 | 10 | 0 | 10 | 0 |
| Northern Marianas | 0 | 3 | 0 | 3 | 0 |
| Palau | 0 | 2 | 0 | 2 | 0 |
| Puerto Rico | 14,418 | 14,896 | 14,389 | 507 | 29 |
| Virgin Islands | 0 | 195 | 0 | 195 | 0 |
| Foreign countries | * | 8,883 | * | 8,883 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 8 .— Percentage of all first-time freshmen enrolled in private institutions of higher education, by residence and migration status and state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 22.42 | 22.42 | 16.02 | 53.41 | 53.41 |
| Alabama | 10.98 | 10.36 | 7.06 | 53.25 | 29.34 |
| Alaska | 5.74 | 24.43 | 4.98 | 43.70 | 9.85 |
| Arizona | 8.08 | 11.83 | 6.61 | 64.48 | 14.11 |
| Arkansas | 16.94 | 14.43 | 10.06 | 40.28 | 50.92 |
| California | 9.72 | 11.24 | 7.85 | 54.32 | 32.38 |
| Colorado | 11.96 | 18.63 | 9.76 | 59.32 | 18.59 |
| Connecticut | 38.70 | 41.83 | 18.69 | 72.87 | 81.80 |
| Delaware | 11.79 | 23.17 | 11.24 | 52.24 | 12.57 |
| District of Columbia | 74.22 | 35.75 | 21.93 | 56.76 | 90.82 |
| Florida | 20.09 | 21.85 | 15.20 | 58.15 | 41.82 |
| Georgia | 21.39 | 18.37 | 13.97 | 49.75 | 61.89 |
| Hawaii | 24.19 | 19.09 | 9.59 | 58.73 | 86.17 |
| Idaho | 30.03 | 22.36 | 16.15 | 46.01 | 66.95 |
| Illinois | 21.15 | 21.47 | 16.41 | 50.26 | 79.53 |
| Indiana | 29.99 | 27.15 | 22.08 | 61.22 | 56.50 |
| Iowa | 23.11 | 18.80 | 15.16 | 46.20 | 52.54 |
| Kansas | 10.49 | 12.28 | 6.55 | 60.36 | 29.11 |
| Kentucky | 21.55 | 22.40 | 18.43 | 53.13 | 38.22 |
| Louisiana | 14.46 | 11.45 | 7.46 | 38.72 | 46.94 |
| Maine | 33.76 | 40.14 | 20.13 | 74.93 | 70.12 |
| Maryland | 14.07 | 23.44 | 6.86 | 62.80 | 37.24 |
| Massachusetts | 51.53 | 42.04 | 32.61 | 73.56 | 87.00 |
| Michigan | 17.85 | 20.25 | 16.61 | 57.11 | 32.24 |
| Minnesota | 23.95 | 22.79 | 19.37 | 34.30 | 39.56 |
| Mississippi | 7.62 | 9.50 | 6.39 | 41.66 | 15.46 |
| Missouri | 31.66 | 27.27 | 22.78 | 50.90 | 63.57 |
| Montana | 12.98 | 22.90 | 11.87 | 51.81 | 16.62 |
| Nebraska | 18.52 | 17.87 | 12.89 | 44.32 | 47.09 |
| Nevada | 1.51 | 11.56 | 0.72 | 42.58 | 3.24 |
| New Hampshire | 47.40 | 45.85 | 31.71 | 67.11 | 62.46 |
| New Jersey | 19.68 | 34.41 | 15.55 | 65.15 | 63.74 |
| New Mexico | 6.09 | 15.05 | 5.32 | 52.75 | 11.19 |
| New York | 36.88 | 35.47 | 29.51 | 65.52 | 75.80 |
| North Carolina | 25.40 | 17.32 | 13.49 | 61.43 | 64.07 |
| North Dakota | 10.02 | 13.11 | 8.12 | 31.52 | 14.12 |
| Ohio | 27.04 | 25.72 | 20.76 | 59.68 | 64.46 |
| Oklahoma | 10.85 | 11.61 | 7.48 | 50.45 | 37.31 |
| Oregon | 17.77 | 21.84 | 12.12 | 68.65 | 37.89 |
| Pennsylvania | 40.42 | 34.29 | 29.64 | 58.51 | 79.53 |
| Rhode Island | 56.14 | 38.14 | 24.22 | 69.72 | 80.90 |
| South Carolina | 19.69 | 21.21 | 16.63 | 56.25 | 34.18 |
| South Dakota | 19.89 | 21.05 | 17.81 | 30.90 | 24.50 |
| Tennessee | 28.74 | 21.85 | 17.27 | 47.41 | 71.57 |
| Texas | 13.74 | 15.28 | 11.83 | 55.54 | 31.72 |
| Utah | 22.73 | 15.31 | 11.40 | 69.64 | 55.34 |
| Vermont | 40.39 | 44.43 | 26.24 | 67.96 | 50.84 |
| Virginia | 25.02 | 24.29 | 15.88 | 58.06 | 49.63 |
| Washington | 7.39 | 9.08 | 4.33 | 64.57 | 29.72 |
| West Virginia | 15.72 | 18.29 | 11.66 | 55.47 | 27.39 |
| Wisconsin | 18.11 | 18.26 | 13.71 | 46.85 | 41.51 |
| Wyoming | 3.82 | 9.86 | 0.70 | 41.28 | 13.06 |
| State unknown | * | 19.86 | * | 19.86 | * |
| American Samoa | * | 66.04 | * | 66.04 | * |
| Federated States of Micronesia | 0.00 | 19.59 | 0.00 | 28.37 | 0.00 |
| Guam | 0.00 | 51.31 | 0.00 | 55.37 | 0.00 |
| Marshall Islands | 0.00 | 32.35 | 0.00 | 68.75 | 0.00 |
| Northern Marianas | 0.00 | 1.11 | 0.00 | 50.00 | * |
| Palau | 0.00 | 15.79 | 0.00 | 50.00 | * |
| Puerto Rico | 60.17 | 60.19 | 60.13 | 62.11 | 78.18 |
| Virgin Islands | 0.00 | 38.89 | 0.00 | 72.53 | 0.00 |
| Foreign countries | * | 39.30 | * | 39.30 | * |

NOTE: Percentages are derived by dividing the enrollments from table 6 by the corresponding enrollments in table 1 and multiplying by 100.

* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 9 .— Percentage of first-time freshmen graduating from high school in the past 12 months enrolled in private institutions of higher education, by residence and migration status and state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 26.08 | 26.08 | 18.03 | 57.88 | 57.88 |
| Alabama | 12.27 | 11.62 | 7.15 | 57.33 | 30.38 |
| Alaska | 3.51 | 26.36 | 2.61 | 45.61 | 7.96 |
| Arizona | 6.94 | 14.54 | 5.68 | 67.98 | 10.33 |
| Arkansas | 18.15 | 16.31 | 11.71 | 42.96 | 51.78 |
| California | 11.34 | 13.52 | 9.03 | 57.23 | 36.14 |
| Colorado | 12.61 | 22.75 | 8.85 | 60.85 | 21.13 |
| Connecticut | 48.40 | 50.62 | 24.09 | 74.26 | 84.65 |
| Delaware | 10.79 | 25.35 | 10.47 | 52.85 | 11.13 |
| District of Columbia | 76.40 | 35.97 | 18.09 | 60.50 | 91.66 |
| Florida | 18.79 | 21.36 | 12.24 | 60.78 | 45.90 |
| Georgia | 25.36 | 21.02 | 15.06 | 51.31 | 67.57 |
| Hawaii | 14.82 | 19.69 | 6.19 | 59.60 | 74.07 |
| Idaho | 34.08 | 24.51 | 16.26 | 48.31 | 69.34 |
| Illinois | 26.36 | 26.96 | 20.23 | 51.82 | 82.85 |
| Indiana | 30.27 | 26.75 | 20.48 | 64.96 | 58.14 |
| Iowa | 29.97 | 24.79 | 20.63 | 47.83 | 56.34 |
| Kansas | 12.70 | 15.73 | 8.47 | 63.58 | 28.84 |
| Kentucky | 21.32 | 22.32 | 17.51 | 57.31 | 39.13 |
| Louisiana | 16.64 | 12.76 | 8.21 | 40.73 | 49.90 |
| Maine | 38.27 | 44.40 | 20.35 | 75.71 | 72.05 |
| Maryland | 19.24 | 30.51 | 10.30 | 63.30 | 40.20 |
| Massachusetts | 61.91 | 50.89 | 40.40 | 74.58 | 89.96 |
| Michigan | 17.21 | 20.40 | 15.24 | 60.58 | 34.37 |
| Minnesota | 32.30 | 29.07 | 26.29 | 36.32 | 50.79 |
| Mississippi | 8.07 | 10.53 | 6.85 | 43.23 | 14.64 |
| Missouri | 29.77 | 26.90 | 20.72 | 55.24 | 59.97 |
| Montana | 10.02 | 22.63 | 7.98 | 54.73 | 15.71 |
| Nebraska | 23.74 | 22.66 | 16.72 | 47.24 | 51.96 |
| Nevada | 1.98 | 16.08 | 0.29 | 43.78 | 6.77 |
| New Hampshire | 40.41 | 44.39 | 18.33 | 74.31 | 56.75 |
| New Jersey | 22.49 | 39.51 | 17.51 | 66.77 | 67.54 |
| New Mexico | 5.59 | 14.82 | 4.36 | 45.96 | 11.57 |
| New York | 42.62 | 40.30 | 33.06 | 67.05 | 84.94 |
| North Carolina | 31.77 | 21.33 | 17.61 | 60.67 | 67.74 |
| North Dakota | 10.83 | 15.54 | 9.40 | 40.90 | 13.52 |
| Ohio | 28.90 | 28.60 | 22.32 | 62.31 | 63.84 |
| Oklahoma | 15.42 | 16.96 | 10.96 | 54.71 | 43.05 |
| Oregon | 22.82 | 26.75 | 15.38 | 70.24 | 48.35 |
| Pennsylvania | 45.36 | 37.85 | 32.55 | 60.43 | 82.04 |
| Rhode Island | 59.74 | 39.60 | 20.53 | 71.92 | 81.06 |
| South Carolina | 22.40 | 24.54 | 19.02 | 58.72 | 35.14 |
| South Dakota | 18.80 | 19.74 | 14.64 | 32.00 | 26.24 |
| Tennessee | 31.48 | 23.85 | 18.57 | 49.38 | 72.94 |
| Texas | 17.17 | 18.77 | 14.64 | 57.58 | 40.49 |
| Utah | 23.72 | 15.15 | 10.72 | 72.63 | 57.24 |
| Vermont | 44.15 | 51.06 | 29.37 | 70.74 | 51.35 |
| Virginia | 24.72 | 24.04 | 13.94 | 59.11 | 50.23 |
| Washington | 14.98 | 17.50 | 8.55 | 69.66 | 52.78 |
| West Virginia | 15.75 | 18.61 | 10.54 | 61.22 | 28.13 |
| Wisconsin | 20.04 | 19.78 | 13.85 | 49.07 | 54.49 |
| Wyoming | 1.83 | 12.89 | 0.34 | 47.79 | 5.46 |
| State unknown | * | 35.09 | * | 35.09 | * |
| American Samoa | * | 55.26 | * | 55.26 | * |
| Federated States of Micronesia | 0.00 | 20.13 | 0.00 | 37.20 | * |
| Guam | 0.00 | 53.01 | 0.00 | 55.35 | 0.00 |
| Marshall Islands | 0.00 | 45.45 | 0.00 | 76.92 | 0.00 |
| Northern Marianas | 0.00 | 0.67 | 0.00 | 60.00 | * |
| Palau | 0.00 | 11.76 | 0.00 | 50.00 | * |
| Puerto Rico | 57.77 | 58.01 | 57.75 | 66.62 | 72.50 |
| Virgin Islands | 0.00 | 35.20 | 0.00 | 70.14 | 0.00 |
| Foreign countries | * | 40.24 | * | 40.24 | * |

NOTE: Percentages are derived by dividing the enrollments from table 7 by the corresponding enrollments in table 2 and multiplying by 100.

* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 10 .— Residence and migration of all first-time freshmen enrolled in 4-year institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 1,134,354 | 1,134,354 | 826,397 | 307,957 | 307,957 |
| Alabama | 19,047 | 14,766 | 12,600 | 2,166 | 6,447 |
| Alaska | 1,730 | 2,739 | 1,456 | 1,283 | 274 |
| Arizona | 12,801 | 10,095 | 7,978 | 2,117 | 4,823 |
| Arkansas | 12,217 | 11,475 | 9,937 | 1,538 | 2,280 |
| California | 68,052 | 72,226 | 55,634 | 16,592 | 12,418 |
| Colorado | 18,034 | 16,983 | 12,343 | 4,640 | 5,691 |
| Connecticut | 13,946 | 17,744 | 7,407 | 10,337 | 6,539 |
| Delaware | 4,890 | 3,754 | 2,189 | 1,565 | 2,701 |
| District of Columbia | 9,706 | 3,735 | 2,339 | 1,396 | 7,367 |
| Florida | 31,046 | 31,357 | 22,015 | 9,342 | 9,031 |
| Georgia | 32,453 | 30,577 | 24,516 | 6,061 | 7,937 |
| Hawaii | 4,577 | 4,485 | 2,732 | 1,753 | 1,845 |
| Idaho | 5,196 | 5,888 | 4,266 | 1,622 | 930 |
| Illinois | 42,330 | 51,157 | 34,717 | 16,440 | 7,613 |
| Indiana | 39,997 | 34,471 | 29,988 | 4,483 | 10,009 |
| Iowa | 16,279 | 13,309 | 10,059 | 3,250 | 6,220 |
| Kansas | 12,719 | 11,869 | 9,708 | 2,161 | 3,011 |
| Kentucky | 18,255 | 16,617 | 14,168 | 2,449 | 4,087 |
| Louisiana | 25,612 | 23,251 | 20,195 | 3,056 | 5,417 |
| Maine | 6,107 | 7,047 | 3,964 | 3,083 | 2,143 |
| Maryland | 15,625 | 18,896 | 8,860 | 10,036 | 6,765 |
| Massachusetts | 42,384 | 33,131 | 21,248 | 11,883 | 21,136 |
| Michigan | 44,938 | 45,400 | 38,818 | 6,582 | 6,120 |
| Minnesota | 19,857 | 21,768 | 13,739 | 8,029 | 6,118 |
| Mississippi | 8,886 | 8,018 | 6,121 | 1,897 | 2,765 |
| Missouri | 26,344 | 23,735 | 19,038 | 4,697 | 7,306 |
| Montana | 5,651 | 5,502 | 4,114 | 1,388 | 1,537 |
| Nebraska | 10,375 | 10,072 | 7,931 | 2,141 | 2,444 |
| Nevada | 3,343 | 3,429 | 2,196 | 1,233 | 1,147 |
| New Hampshire | 8,122 | 6,427 | 3,383 | 3,044 | 4,739 |
| New Jersey | 19,686 | 39,730 | 16,621 | 23,109 | 3,065 |
| New Mexico | 5,466 | 6,920 | 4,382 | 2,538 | 1,084 |
| New York | 93,690 | 95,603 | 71,093 | 24,510 | 22,597 |
| North Carolina | 33,620 | 25,344 | 22,582 | 2,762 | 11,038 |
| North Dakota | 5,228 | 4,218 | 3,130 | 1,088 | 2,098 |
| Ohio | 56,442 | 56,342 | 46,300 | 10,042 | 10,142 |
| Oklahoma | 14,107 | 13,601 | 11,561 | 2,040 | 2,546 |
| Oregon | 11,589 | 11,020 | 7,666 | 3,354 | 3,923 |
| Pennsylvania | 66,457 | 59,935 | 46,597 | 13,338 | 19,860 |
| Rhode Island | 9,151 | 4,694 | 2,534 | 2,160 | 6,617 |
| South Carolina | 16,240 | 14,292 | 11,628 | 2,664 | 4,612 |
| South Dakota | 6,502 | 5,635 | 4,453 | 1,182 | 2,049 |
| Tennessee | 21,176 | 18,546 | 14,370 | 4,176 | 6,806 |
| Texas | 62,498 | 62,861 | 53,938 | 8,923 | 8,560 |
| Utah | 16,208 | 11,178 | 10,496 | 682 | 5,712 |
| Vermont | 5,334 | 3,625 | 1,905 | 1,720 | 3,429 |
| Virginia | 31,310 | 27,487 | 20,011 | 7,476 | 11,299 |
| Washington | 14,528 | 15,137 | 10,900 | 4,237 | 3,628 |
| West Virginia | 13,297 | 11,090 | 9,604 | 1,486 | 3,693 |
| Wisconsin | 27,271 | 25,732 | 20,446 | 5,286 | 6,825 |
| Wyoming | 1,360 | 1,712 | 856 | 856 | 504 |
| State unknown | * | 7,466 | * | 7,466 | * |
| American Samoa | 0 | 44 | 0 | 44 | 0 |
| Federated States of Micronesia | 0 | 400 | 0 | 400 | 0 |
| Guam | 938 | 160 | 0 | 160 | 938 |
| Marshall Islands | 0 | 11 | 0 | 11 | 0 |
| Northern Marianas | 0 | 5 | 0 | 5 | 0 |
| Palau | 0 | 3 | 0 | 3 | 0 |
| Puerto Rico | 21,361 | 22,100 | 21,306 | 794 | 55 |
| Virgin Islands | 376 | 733 | 359 | 374 | 17 |
| Foreign countries | * | 28,807 | * | 28,807 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 11 .— Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in 4-year institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 983,791 | 983,791 | 711,452 | 272,339 | 272,339 |
| Alabama | 16,883 | 13,016 | 11,044 | 1,972 | 5,839 |
| Alaska | 1,193 | 2,117 | 992 | 1,125 | 201 |
| Arizona | 10,937 | 8,563 | 6,668 | 1,895 | 4,269 |
| Arkansas | 10,423 | 9,957 | 8,570 | 1,387 | 1,853 |
| California | 63,217 | 67,244 | 52,260 | 14,984 | 10,957 |
| Colorado | 15,068 | 14,207 | 9,943 | 4,264 | 5,125 |
| Connecticut | 12,193 | 15,982 | 6,286 | 9,696 | 5,907 |
| Delaware | 4,581 | 3,446 | 1,961 | 1,485 | 2,620 |
| District of Columbia | 8,476 | 2,983 | 1,758 | 1,225 | 6,718 |
| Florida | 26,950 | 27,521 | 19,007 | 8,514 | 7,943 |
| Georgia | 26,954 | 25,559 | 19,945 | 5,614 | 7,009 |
| Hawaii | 2,877 | 3,792 | 2,177 | 1,615 | 700 |
| Idaho | 3,747 | 4,440 | 2,971 | 1,469 | 776 |
| Illinois | 35,655 | 44,598 | 29,500 | 15,098 | 6,155 |
| Indiana | 33,419 | 28,060 | 24,061 | 3,999 | 9,358 |
| Iowa | 15,336 | 12,578 | 9,576 | 3,002 | 5,760 |
| Kansas | 10,997 | 10,278 | 8,359 | 1,919 | 2,638 |
| Kentucky | 15,811 | 14,411 | 12,222 | 2,189 | 3,589 |
| Louisiana | 21,760 | 19,651 | 16,828 | 2,823 | 4,932 |
| Maine | 5,003 | 5,806 | 3,004 | 2,802 | 1,999 |
| Maryland | 14,022 | 17,144 | 7,937 | 9,207 | 6,085 |
| Massachusetts | 36,548 | 28,639 | 17,493 | 11,146 | 19,055 |
| Michigan | 37,214 | 37,656 | 31,792 | 5,864 | 5,422 |
| Minnesota | 18,162 | 19,542 | 12,517 | 7,025 | 5,645 |
| Mississippi | 8,416 | 7,545 | 5,789 | 1,756 | 2,627 |
| Missouri | 22,449 | 20,591 | 16,264 | 4,327 | 6,185 |
| Montana | 4,402 | 4,343 | 3,116 | 1,227 | 1,286 |
| Nebraska | 9,035 | 8,897 | 6,900 | 1,997 | 2,135 |
| Nevada | 2,552 | 2,928 | 1,811 | 1,117 | 741 |
| New Hampshire | 6,713 | 5,175 | 2,440 | 2,735 | 4,273 |
| New Jersey | 17,446 | 36,312 | 14,695 | 21,617 | 2,751 |
| New Mexico | 4,520 | 5,451 | 3,596 | 1,855 | 924 |
| New York | 75,455 | 79,504 | 56,654 | 22,850 | 18,801 |
| North Carolina | 32,053 | 23,765 | 21,358 | 2,407 | 10,695 |
| North Dakota | 4,588 | 3,628 | 2,669 | 959 | 1,919 |
| Ohio | 48,165 | 48,105 | 38,967 | 9,138 | 9,198 |
| Oklahoma | 10,638 | 10,517 | 8,679 | 1,838 | 1,959 |
| Oregon | 9,892 | 9,594 | 6,509 | 3,085 | 3,383 |
| Pennsylvania | 61,040 | 54,695 | 42,322 | 12,373 | 18,718 |
| Rhode Island | 8,598 | 4,135 | 2,138 | 1,997 | 6,460 |
| South Carolina | 14,733 | 12,981 | 10,514 | 2,467 | 4,219 |
| South Dakota | 4,773 | 4,145 | 3,056 | 1,089 | 1,717 |
| Tennessee | 18,803 | 16,587 | 12,709 | 3,878 | 6,094 |
| Texas | 55,610 | 56,430 | 48,543 | 7,887 | 7,067 |
| Utah | 14,476 | 9,966 | 9,390 | 576 | 5,086 |
| Vermont | 4,688 | 3,064 | 1,484 | 1,580 | 3,204 |
| Virginia | 28,864 | 25,412 | 18,525 | 6,887 | 10,339 |
| Washington | 13,371 | 13,787 | 10,031 | 3,756 | 3,340 |
| West Virginia | 11,040 | 9,003 | 7,642 | 1,361 | 3,398 |
| Wisconsin | 22,343 | 22,676 | 17,770 | 4,906 | 4,573 |
| Wyoming | 1,246 | 1,478 | 769 | 709 | 477 |
| State unknown | * | 4,331 | * | 4,331 | * |
| American Samoa | 0 | 30 | 0 | 30 | 0 |
| Federated States of Micronesia | 0 | 109 | 0 | 109 | 0 |
| Guam | 169 | 146 | 0 | 146 | 169 |
| Marshall Islands | 0 | 10 | 0 | 10 | 0 |
| Northern Marianas | 0 | 3 | 0 | 3 | 0 |
| Palau | 0 | 2 | 0 | 2 | 0 |
| Puerto Rico | 20,005 | 20,682 | 19,965 | 717 | 40 |
| Virgin Islands | 282 | 533 | 276 | 257 | 6 |
| Foreign countries | * | 20,041 | * | 20,041 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 12 .— Percentage of all first-time freshmen enrolled in 4-year institutions of higher education, by residence and migration status and state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 52.99 | 52.99 | 46.57 | 84.06 | 84.06 |
| Alabama | 45.85 | 40.06 | 36.81 | 82.45 | 88.17 |
| Alaska | 98.24 | 91.67 | 97.92 | 85.48 | 100.00 |
| Arizona | 39.08 | 34.89 | 30.31 | 81.11 | 74.97 |
| Arkansas | 75.52 | 72.96 | 73.86 | 67.63 | 83.70 |
| California | 26.65 | 28.39 | 23.59 | 89.35 | 63.84 |
| Colorado | 56.16 | 57.84 | 51.20 | 88.33 | 71.10 |
| Connecticut | 64.79 | 69.15 | 50.39 | 94.30 | 95.81 |
| Delaware | 70.65 | 65.34 | 53.73 | 93.66 | 94.87 |
| District of Columbia | 100.00 | 96.34 | 100.00 | 90.77 | 100.00 |
| Florida | 44.22 | 46.23 | 38.41 | 88.93 | 70.03 |
| Georgia | 55.01 | 53.80 | 49.17 | 86.87 | 86.90 |
| Hawaii | 44.53 | 43.48 | 32.84 | 87.91 | 94.18 |
| Idaho | 48.81 | 60.27 | 55.13 | 79.82 | 31.98 |
| Illinois | 38.34 | 42.61 | 34.00 | 91.67 | 91.92 |
| Indiana | 83.22 | 81.05 | 81.00 | 81.44 | 90.69 |
| Iowa | 46.21 | 42.35 | 36.27 | 88.17 | 83.02 |
| Kansas | 51.62 | 52.14 | 47.73 | 89.22 | 70.01 |
| Kentucky | 63.82 | 61.07 | 58.81 | 78.52 | 90.56 |
| Louisiana | 82.89 | 79.82 | 79.47 | 82.24 | 98.78 |
| Maine | 75.38 | 75.91 | 67.27 | 90.94 | 97.01 |
| Maryland | 47.73 | 53.27 | 35.49 | 95.49 | 87.04 |
| Massachusetts | 64.44 | 59.46 | 49.54 | 92.63 | 92.39 |
| Michigan | 53.85 | 53.79 | 50.53 | 86.80 | 92.41 |
| Minnesota | 52.27 | 57.14 | 46.76 | 92.17 | 71.08 |
| Mississippi | 34.36 | 32.71 | 27.39 | 87.70 | 78.71 |
| Missouri | 68.78 | 66.56 | 63.54 | 82.42 | 87.59 |
| Montana | 82.87 | 76.22 | 78.74 | 69.61 | 96.42 |
| Nebraska | 62.44 | 61.05 | 57.13 | 81.87 | 89.43 |
| Nevada | 48.18 | 53.54 | 46.27 | 74.37 | 52.30 |
| New Hampshire | 71.41 | 69.29 | 60.75 | 82.14 | 81.65 |
| New Jersey | 45.71 | 62.54 | 42.21 | 95.68 | 83.13 |
| New Mexico | 39.43 | 45.62 | 36.34 | 81.58 | 60.06 |
| New York | 60.14 | 60.90 | 54.27 | 94.31 | 91.11 |
| North Carolina | 65.48 | 59.41 | 57.52 | 81.19 | 91.30 |
| North Dakota | 64.37 | 59.85 | 56.46 | 72.34 | 81.38 |
| Ohio | 63.81 | 64.90 | 61.13 | 90.77 | 79.77 |
| Oklahoma | 48.07 | 47.23 | 44.41 | 73.78 | 76.85 |
| Oregon | 49.69 | 50.11 | 42.10 | 88.66 | 76.74 |
| Pennsylvania | 67.83 | 65.45 | 60.65 | 90.48 | 93.87 |
| Rhode Island | 72.37 | 58.98 | 45.87 | 88.74 | 92.92 |
| South Carolina | 56.92 | 53.68 | 49.38 | 86.52 | 92.52 |
| South Dakota | 98.52 | 93.33 | 98.02 | 79.06 | 99.61 |
| Tennessee | 62.52 | 58.88 | 53.79 | 87.29 | 95.12 |
| Texas | 49.15 | 50.38 | 46.93 | 90.63 | 69.94 |
| Utah | 66.47 | 57.63 | 58.00 | 52.42 | 90.85 |
| Vermont | 86.99 | 78.53 | 73.18 | 85.44 | 97.17 |
| Virginia | 69.16 | 66.66 | 60.62 | 90.94 | 92.16 |
| Washington | 21.18 | 23.11 | 18.06 | 82.13 | 43.93 |
| West Virginia | 84.16 | 80.26 | 81.91 | 71.00 | 90.65 |
| Wisconsin | 58.67 | 56.75 | 52.28 | 84.85 | 92.61 |
| Wyoming | 28.25 | 36.85 | 23.80 | 81.60 | 41.41 |
| State unknown | * | 29.98 | * | 29.98 | * |
| American Samoa | * | 83.02 | * | 83.02 | * |
| Federated States of Micronesia | 0.00 | 30.26 | 0.00 | 43.81 | 0.00 |
| Guam | 98.12 | 83.77 | 0.00 | 90.40 | 99.58 |
| Marshall Islands | 0.00 | 32.35 | 0.00 | 68.75 | 0.00 |
| Northern Marianas | 0.00 | 1.11 | 0.00 | 50.00 | * |
| Palau | 0.00 | 15.79 | 0.00 | 50.00 | * |
| Puerto Rico | 78.31 | 78.59 | 78.27 | 88.22 | 100.00 |
| Virgin Islands | 100.00 | 94.70 | 100.00 | 90.12 | 100.00 |
| Foreign countries | * | 82.36 | * | 82.36 | * |

NOTE: Percentages are derived by dividing the enrollments from table 10 by the corresponding enrollments in table 1 and multiplying by 100.

* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 13 .— Percentage of first-time freshmen graduating from high school in the past 12 months enrolled in 4-year institutions of higher education, by residence and migration status and state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 67.03 | 67.03 | 60.73 | 91.90 | 91.90 |
| Alabama | 58.36 | 52.58 | 48.97 | 89.51 | 91.62 |
| Alaska | 99.58 | 95.06 | 99.50 | 91.46 | 100.00 |
| Arizona | 61.27 | 56.48 | 51.28 | 87.81 | 88.06 |
| Arkansas | 81.85 | 79.43 | 80.18 | 75.14 | 90.61 |
| California | 37.77 | 39.84 | 34.14 | 95.40 | 76.75 |
| Colorado | 81.85 | 81.49 | 77.84 | 91.46 | 90.92 |
| Connecticut | 80.99 | 83.59 | 69.76 | 95.91 | 97.73 |
| Delaware | 83.23 | 79.35 | 69.59 | 97.38 | 97.54 |
| District of Columbia | 100.00 | 98.16 | 100.00 | 95.63 | 100.00 |
| Florida | 55.47 | 57.11 | 48.57 | 93.99 | 84.06 |
| Georgia | 70.48 | 69.46 | 64.87 | 92.78 | 93.45 |
| Hawaii | 48.40 | 54.62 | 41.96 | 92.02 | 92.59 |
| Idaho | 51.22 | 67.84 | 61.13 | 87.18 | 31.60 |
| Illinois | 54.97 | 59.97 | 50.42 | 95.21 | 96.82 |
| Indiana | 89.08 | 86.83 | 86.68 | 87.74 | 95.92 |
| Iowa | 63.73 | 59.96 | 53.89 | 93.55 | 91.52 |
| Kansas | 65.03 | 66.61 | 62.39 | 94.44 | 75.09 |
| Kentucky | 72.45 | 70.46 | 67.96 | 88.66 | 93.51 |
| Louisiana | 88.64 | 86.32 | 85.93 | 88.72 | 99.32 |
| Maine | 84.61 | 84.99 | 77.76 | 94.41 | 97.51 |
| Maryland | 64.31 | 69.41 | 51.93 | 97.79 | 93.36 |
| Massachusetts | 79.09 | 75.89 | 66.88 | 96.20 | 95.01 |
| Michigan | 67.89 | 67.86 | 64.66 | 92.76 | 96.02 |
| Minnesota | 70.80 | 72.95 | 64.66 | 94.54 | 89.72 |
| Mississippi | 42.24 | 40.32 | 34.42 | 92.81 | 84.71 |
| Missouri | 78.96 | 77.28 | 74.35 | 90.71 | 94.36 |
| Montana | 87.50 | 80.44 | 84.06 | 72.52 | 97.13 |
| Nebraska | 78.35 | 77.61 | 74.72 | 89.59 | 92.91 |
| Nevada | 77.76 | 76.91 | 74.68 | 80.82 | 86.46 |
| New Hampshire | 82.39 | 79.85 | 70.44 | 90.65 | 91.23 |
| New Jersey | 57.16 | 73.09 | 53.46 | 97.40 | 90.55 |
| New Mexico | 58.75 | 63.96 | 56.37 | 86.56 | 70.32 |
| New York | 70.62 | 71.79 | 64.99 | 96.90 | 95.54 |
| North Carolina | 81.32 | 76.76 | 75.51 | 89.98 | 96.07 |
| North Dakota | 69.42 | 67.78 | 61.94 | 91.86 | 83.43 |
| Ohio | 77.97 | 78.00 | 74.96 | 94.30 | 93.91 |
| Oklahoma | 64.41 | 63.81 | 61.03 | 81.29 | 85.36 |
| Oregon | 60.00 | 59.58 | 50.99 | 92.45 | 90.92 |
| Pennsylvania | 81.45 | 79.75 | 76.20 | 94.90 | 96.51 |
| Rhode Island | 83.12 | 71.35 | 58.67 | 92.84 | 96.42 |
| South Carolina | 70.18 | 67.36 | 63.36 | 92.16 | 95.89 |
| South Dakota | 99.73 | 95.46 | 99.64 | 85.41 | 99.88 |
| Tennessee | 70.88 | 67.96 | 62.83 | 92.78 | 96.73 |
| Texas | 64.11 | 65.17 | 62.03 | 94.75 | 83.28 |
| Utah | 74.54 | 66.12 | 67.10 | 53.43 | 93.73 |
| Vermont | 97.63 | 92.68 | 94.34 | 91.17 | 99.23 |
| Virginia | 80.70 | 78.47 | 73.68 | 95.07 | 97.28 |
| Washington | 46.79 | 48.18 | 41.07 | 89.60 | 80.42 |
| West Virginia | 90.77 | 88.41 | 89.27 | 83.91 | 94.36 |
| Wisconsin | 71.15 | 70.83 | 66.74 | 91.09 | 95.73 |
| Wyoming | 37.92 | 46.58 | 32.95 | 84.51 | 50.11 |
| State unknown | * | 49.10 | * | 49.10 | * |
| American Samoa | * | 78.95 | * | 78.95 | * |
| Federated States of Micronesia | 0.00 | 23.59 | 0.00 | 43.60 | * |
| Guam | 95.48 | 87.95 | 0.00 | 91.82 | 99.41 |
| Marshall Islands | 0.00 | 45.45 | 0.00 | 76.92 | 0.00 |
| Northern Marianas | 0.00 | 0.67 | 0.00 | 60.00 | * |
| Palau | 0.00 | 11.76 | 0.00 | 50.00 | * |
| Puerto Rico | 80.16 | 80.55 | 80.13 | 94.22 | 100.00 |
| Virgin Islands | 100.00 | 96.21 | 100.00 | 92.45 | 100.00 |
| Foreign countries | * | 90.78 | * | 90.78 | * |

NOTE: Percentages are derived by dividing the enrollments from table 11 by the corresponding enrollments in table 2 and multiplying by 100.

* - Not applicable

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 14 .— Residence and migration of all first-time freshmen enrolled in 2-year institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 1,006,449 | 1,006,449 | 948,071 | 58,378 | 58,378 |
| Alabama | 22,495 | 22,091 | 21,630 | 461 | 865 |
| Alaska | 31 | 249 | 31 | 218 | 0 |
| Arizona | 19,952 | 18,835 | 18,342 | 493 | 1,610 |
| Arkansas | 3,961 | 4,253 | 3,517 | 736 | 444 |
| California | 187,256 | 182,199 | 180,222 | 1,977 | 7,034 |
| Colorado | 14,079 | 12,379 | 11,766 | 613 | 2,313 |
| Connecticut | 7,578 | 7,917 | 7,292 | 625 | 286 |
| Delaware | 2,031 | 1,991 | 1,885 | 106 | 146 |
| District of Columbia | 0 | 142 | 0 | 142 | 0 |
| Florida | 39,166 | 36,464 | 35,301 | 1,163 | 3,865 |
| Georgia | 26,538 | 26,257 | 25,341 | 916 | 1,197 |
| Hawaii | 5,702 | 5,829 | 5,588 | 241 | 114 |
| Idaho | 5,450 | 3,882 | 3,472 | 410 | 1,978 |
| Illinois | 68,066 | 68,890 | 67,397 | 1,493 | 669 |
| Indiana | 8,062 | 8,057 | 7,035 | 1,022 | 1,027 |
| Iowa | 18,950 | 18,114 | 17,678 | 436 | 1,272 |
| Kansas | 11,922 | 10,893 | 10,632 | 261 | 1,290 |
| Kentucky | 10,349 | 10,593 | 9,923 | 670 | 426 |
| Louisiana | 5,285 | 5,878 | 5,218 | 660 | 67 |
| Maine | 1,995 | 2,236 | 1,929 | 307 | 66 |
| Maryland | 17,109 | 16,576 | 16,102 | 474 | 1,007 |
| Massachusetts | 23,384 | 22,589 | 21,644 | 945 | 1,740 |
| Michigan | 38,508 | 39,006 | 38,005 | 1,001 | 503 |
| Minnesota | 18,134 | 16,327 | 15,645 | 682 | 2,489 |
| Mississippi | 16,976 | 16,494 | 16,228 | 266 | 748 |
| Missouri | 11,958 | 11,925 | 10,923 | 1,002 | 1,035 |
| Montana | 1,168 | 1,717 | 1,111 | 606 | 57 |
| Nebraska | 6,241 | 6,426 | 5,952 | 474 | 289 |
| Nevada | 3,596 | 2,975 | 2,550 | 425 | 1,046 |
| New Hampshire | 3,251 | 2,848 | 2,186 | 662 | 1,065 |
| New Jersey | 23,377 | 23,798 | 22,755 | 1,043 | 622 |
| New Mexico | 8,398 | 8,250 | 7,677 | 573 | 721 |
| New York | 62,109 | 61,384 | 59,905 | 1,479 | 2,204 |
| North Carolina | 17,726 | 17,314 | 16,674 | 640 | 1,052 |
| North Dakota | 2,894 | 2,830 | 2,414 | 416 | 480 |
| Ohio | 32,018 | 30,467 | 29,446 | 1,021 | 2,572 |
| Oklahoma | 15,238 | 15,196 | 14,471 | 725 | 767 |
| Oregon | 11,732 | 10,972 | 10,543 | 429 | 1,189 |
| Pennsylvania | 31,525 | 31,633 | 30,229 | 1,404 | 1,296 |
| Rhode Island | 3,494 | 3,264 | 2,990 | 274 | 504 |
| South Carolina | 12,292 | 12,334 | 11,919 | 415 | 373 |
| South Dakota | 98 | 403 | 90 | 313 | 8 |
| Tennessee | 12,694 | 12,953 | 12,345 | 608 | 349 |
| Texas | 64,668 | 61,912 | 60,989 | 923 | 3,679 |
| Utah | 8,175 | 8,219 | 7,600 | 619 | 575 |
| Vermont | 798 | 991 | 698 | 293 | 100 |
| Virginia | 13,962 | 13,746 | 13,001 | 745 | 961 |
| Washington | 54,076 | 50,368 | 49,446 | 922 | 4,630 |
| West Virginia | 2,502 | 2,728 | 2,121 | 607 | 381 |
| Wisconsin | 19,208 | 19,607 | 18,663 | 944 | 545 |
| Wyoming | 3,454 | 2,934 | 2,741 | 193 | 713 |
| State unknown | * | 17,438 | * | 17,438 | * |
| American Samoa | 0 | 9 | 0 | 9 | 0 |
| Federated States of Micronesia | 410 | 922 | 409 | 513 | 1 |
| Guam | 18 | 31 | 14 | 17 | 4 |
| Marshall Islands | 22 | 23 | 18 | 5 | 4 |
| Northern Marianas | 440 | 445 | 440 | 5 | 0 |
| Palau | 13 | 16 | 13 | 3 | 0 |
| Puerto Rico | 5,915 | 6,021 | 5,915 | 106 | 0 |
| Virgin Islands | 0 | 41 | 0 | 41 | 0 |
| Foreign countries | * | 6,168 | * | 6,168 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 15 .— Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in 2-year institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 484,005 | 484,005 | 459,992 | 24,013 | 24,013 |
| Alabama | 12,044 | 11,741 | 11,510 | 231 | 534 |
| Alaska | 5 | 110 | 5 | 105 | 0 |
| Arizona | 6,913 | 6,597 | 6,334 | 263 | 579 |
| Arkansas | 2,311 | 2,578 | 2,119 | 459 | 192 |
| California | 104,157 | 101,559 | 100,837 | 722 | 3,320 |
| Colorado | 3,342 | 3,228 | 2,830 | 398 | 512 |
| Connecticut | 2,862 | 3,138 | 2,725 | 413 | 137 |
| Delaware | 923 | 897 | 857 | 40 | 66 |
| District of Columbia | 0 | 56 | 0 | 56 | 0 |
| Florida | 21,633 | 20,671 | 20,127 | 544 | 1,506 |
| Georgia | 11,292 | 11,238 | 10,801 | 437 | 491 |
| Hawaii | 3,067 | 3,151 | 3,011 | 140 | 56 |
| Idaho | 3,569 | 2,105 | 1,889 | 216 | 1,680 |
| Illinois | 29,206 | 29,764 | 29,004 | 760 | 202 |
| Indiana | 4,095 | 4,256 | 3,697 | 559 | 398 |
| Iowa | 8,727 | 8,400 | 8,193 | 207 | 534 |
| Kansas | 5,913 | 5,151 | 5,038 | 113 | 875 |
| Kentucky | 6,012 | 6,043 | 5,763 | 280 | 249 |
| Louisiana | 2,790 | 3,115 | 2,756 | 359 | 34 |
| Maine | 910 | 1,025 | 859 | 166 | 51 |
| Maryland | 7,781 | 7,556 | 7,348 | 208 | 433 |
| Massachusetts | 9,661 | 9,101 | 8,661 | 440 | 1,000 |
| Michigan | 17,603 | 17,836 | 17,378 | 458 | 225 |
| Minnesota | 7,489 | 7,248 | 6,842 | 406 | 647 |
| Mississippi | 11,506 | 11,168 | 11,032 | 136 | 474 |
| Missouri | 5,981 | 6,054 | 5,611 | 443 | 370 |
| Montana | 629 | 1,056 | 591 | 465 | 38 |
| Nebraska | 2,497 | 2,566 | 2,334 | 232 | 163 |
| Nevada | 730 | 879 | 614 | 265 | 116 |
| New Hampshire | 1,435 | 1,306 | 1,024 | 282 | 411 |
| New Jersey | 13,078 | 13,369 | 12,791 | 578 | 287 |
| New Mexico | 3,173 | 3,071 | 2,783 | 288 | 390 |
| New York | 31,392 | 31,246 | 30,515 | 731 | 877 |
| North Carolina | 7,365 | 7,195 | 6,927 | 268 | 438 |
| North Dakota | 2,021 | 1,725 | 1,640 | 85 | 381 |
| Ohio | 13,612 | 13,568 | 13,016 | 552 | 596 |
| Oklahoma | 5,878 | 5,965 | 5,542 | 423 | 336 |
| Oregon | 6,595 | 6,509 | 6,257 | 252 | 338 |
| Pennsylvania | 13,898 | 13,886 | 13,221 | 665 | 677 |
| Rhode Island | 1,746 | 1,660 | 1,506 | 154 | 240 |
| South Carolina | 6,261 | 6,290 | 6,080 | 210 | 181 |
| South Dakota | 13 | 197 | 11 | 186 | 2 |
| Tennessee | 7,724 | 7,820 | 7,518 | 302 | 206 |
| Texas | 31,138 | 30,156 | 29,719 | 437 | 1,419 |
| Utah | 4,944 | 5,106 | 4,604 | 502 | 340 |
| Vermont | 114 | 242 | 89 | 153 | 25 |
| Virginia | 6,905 | 6,973 | 6,616 | 357 | 289 |
| Washington | 15,207 | 14,830 | 14,394 | 436 | 813 |
| West Virginia | 1,122 | 1,180 | 919 | 261 | 203 |
| Wisconsin | 9,061 | 9,337 | 8,857 | 480 | 204 |
| Wyoming | 2,040 | 1,695 | 1,565 | 130 | 475 |
| State unknown | * | 4,490 | * | 4,490 | * |
| American Samoa | 0 | 8 | 0 | 8 | 0 |
| Federated States of Micronesia | 212 | 353 | 212 | 141 | 0 |
| Guam | 8 | 20 | 7 | 13 | 1 |
| Marshall Islands | 11 | 12 | 9 | 3 | 2 |
| Northern Marianas | 440 | 442 | 440 | 2 | 0 |
| Palau | 13 | 15 | 13 | 2 | 0 |
| Puerto Rico | 4,951 | 4,995 | 4,951 | 44 | 0 |
| Virgin Islands | 0 | 21 | 0 | 21 | 0 |
| Foreign countries | * | 2,036 | * | 2,036 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* . Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 16 .— Residence and migration of all first-time freshmen enrolled in public 4-year institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 718,739 | 718,739 | 593,765 | 124,974 | 124,974 |
| Alabama | 15,053 | 11,459 | 10,610 | 849 | 4,443 |
| Alaska | 1,659 | 2,089 | 1,412 | 677 | 247 |
| Arizona | 10,595 | 7,159 | 6,558 | 601 | 4,037 |
| Arkansas | 9,646 | 9,258 | 8,583 | 675 | 1,063 |
| California | 46,952 | 47,479 | 40,412 | 7,067 | 6,540 |
| Colorado | 15,455 | 12,569 | 10,890 | 1,679 | 4,565 |
| Connecticut | 6,017 | 7,668 | 4,933 | 2,735 | 1,084 |
| Delaware | 4,074 | 2,462 | 1,731 | 731 | 2,343 |
| District of Columbia | 2,502 | 2,367 | 1,826 | 541 | 676 |
| Florida | 18,600 | 18,206 | 14,679 | 3,527 | 3,921 |
| Georgia | 22,054 | 22,166 | 19,367 | 2,799 | 2,687 |
| Hawaii | 2,091 | 2,578 | 1,934 | 644 | 157 |
| Idaho | 4,770 | 4,921 | 4,097 | 824 | 673 |
| Illinois | 21,470 | 28,191 | 20,333 | 7,858 | 1,137 |
| Indiana | 27,125 | 24,527 | 23,052 | 1,475 | 4,073 |
| Iowa | 8,616 | 7,948 | 6,322 | 1,626 | 2,294 |
| Kansas | 10,376 | 9,219 | 8,462 | 757 | 1,914 |
| Kentucky | 13,474 | 11,974 | 10,983 | 991 | 2,491 |
| Louisiana | 21,547 | 20,393 | 18,704 | 1,689 | 2,843 |
| Maine | 3,796 | 3,933 | 3,192 | 741 | 604 |
| Maryland | 11,365 | 10,881 | 7,298 | 3,583 | 4,067 |
| Massachusetts | 12,581 | 13,513 | 10,525 | 2,988 | 2,056 |
| Michigan | 30,532 | 29,007 | 26,518 | 2,489 | 4,014 |
| Minnesota | 11,731 | 13,962 | 8,868 | 5,094 | 2,863 |
| Mississippi | 7,402 | 6,130 | 5,107 | 1,023 | 2,295 |
| Missouri | 16,413 | 15,570 | 13,632 | 1,938 | 2,781 |
| Montana | 4,826 | 4,070 | 3,554 | 516 | 1,272 |
| Nebraska | 7,402 | 7,296 | 6,245 | 1,051 | 1,157 |
| Nevada | 3,265 | 2,803 | 2,164 | 639 | 1,101 |
| New Hampshire | 4,239 | 2,915 | 2,238 | 677 | 2,001 |
| New Jersey | 12,722 | 19,577 | 11,786 | 7,791 | 936 |
| New Mexico | 4,971 | 5,041 | 4,061 | 980 | 910 |
| New York | 43,210 | 47,136 | 38,987 | 8,149 | 4,223 |
| North Carolina | 21,533 | 18,963 | 17,926 | 1,037 | 3,607 |
| North Dakota | 4,504 | 3,350 | 2,715 | 635 | 1,789 |
| Ohio | 37,010 | 37,261 | 33,380 | 3,881 | 3,630 |
| Oklahoma | 11,609 | 10,840 | 10,107 | 733 | 1,502 |
| Oregon | 7,506 | 6,490 | 5,497 | 993 | 2,009 |
| Pennsylvania | 33,550 | 34,583 | 29,514 | 5,069 | 4,036 |
| Rhode Island | 2,944 | 2,360 | 1,750 | 610 | 1,194 |
| South Carolina | 11,201 | 9,342 | 8,235 | 1,107 | 2,966 |
| South Dakota | 5,228 | 4,459 | 3,682 | 777 | 1,546 |
| Tennessee | 12,553 | 12,793 | 10,761 | 2,032 | 1,792 |
| Texas | 47,254 | 46,093 | 42,397 | 3,696 | 4,857 |
| Utah | 11,192 | 9,056 | 8,801 | 255 | 2,391 |
| Vermont | 2,896 | 1,698 | 1,225 | 473 | 1,671 |
| Virginia | 21,486 | 19,267 | 16,168 | 3,099 | 5,318 |
| Washington | 9,941 | 9,789 | 8,571 | 1,218 | 1,370 |
| West Virginia | 10,961 | 8,848 | 8,377 | 471 | 2,584 |
| Wisconsin | 19,516 | 18,289 | 15,743 | 2,546 | 3,773 |
| Wyoming | 1,360 | 1,364 | 856 | 508 | 504 |
| State unknown | * | 3,586 | * | 3,586 | * |
| American Samoa | 0 | 9 | 0 | 9 | 0 |
| Federated States of Micronesia | 0 | 292 | 0 | 292 | 0 |
| Guam | 938 | 62 | 0 | 62 | 938 |
| Marshall Islands | 0 | 0 | 0 | 0 | 0 |
| Northern Marianas | 0 | 0 | 0 | 0 | 0 |
| Palau | 0 | 0 | 0 | 0 | 0 |
| Puerto Rico | 8,650 | 8,875 | 8,638 | 237 | 12 |
| Virgin Islands | 376 | 446 | 359 | 87 | 17 |
| Foreign countries | * | 16,157 | * | 16,157 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 17 .— Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in public 4-year institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 631,656 | 631,656 | 523,789 | 107,867 | 107,867 |
| Alabama | 13,585 | 10,310 | 9,549 | 761 | 4,036 |
| Alaska | 1,156 | 1,562 | 971 | 591 | 185 |
| Arizona | 9,928 | 6,645 | 6,113 | 532 | 3,815 |
| Arkansas | 8,115 | 7,939 | 7,318 | 621 | 797 |
| California | 45,634 | 45,948 | 39,675 | 6,273 | 5,959 |
| Colorado | 13,315 | 10,675 | 9,140 | 1,535 | 4,175 |
| Connecticut | 5,203 | 6,801 | 4,299 | 2,502 | 904 |
| Delaware | 3,987 | 2,363 | 1,666 | 697 | 2,321 |
| District of Columbia | 2,000 | 1,897 | 1,440 | 457 | 560 |
| Florida | 18,165 | 17,587 | 14,401 | 3,186 | 3,764 |
| Georgia | 18,491 | 18,906 | 16,292 | 2,614 | 2,199 |
| Hawaii | 1,996 | 2,444 | 1,856 | 588 | 140 |
| Idaho | 3,346 | 3,553 | 2,812 | 741 | 534 |
| Illinois | 19,733 | 25,919 | 18,781 | 7,138 | 952 |
| Indiana | 22,892 | 20,339 | 19,022 | 1,317 | 3,870 |
| Iowa | 8,371 | 7,668 | 6,148 | 1,520 | 2,223 |
| Kansas | 8,997 | 7,929 | 7,266 | 663 | 1,731 |
| Kentucky | 11,620 | 10,348 | 9,464 | 884 | 2,156 |
| Louisiana | 17,891 | 17,000 | 15,437 | 1,563 | 2,454 |
| Maine | 2,857 | 3,001 | 2,326 | 675 | 531 |
| Maryland | 9,947 | 9,745 | 6,422 | 3,323 | 3,525 |
| Massachusetts | 10,318 | 11,299 | 8,564 | 2,735 | 1,754 |
| Michigan | 28,009 | 26,718 | 24,507 | 2,211 | 3,502 |
| Minnesota | 10,536 | 12,309 | 7,955 | 4,354 | 2,581 |
| Mississippi | 7,055 | 5,794 | 4,842 | 952 | 2,213 |
| Missouri | 14,673 | 13,933 | 12,167 | 1,766 | 2,506 |
| Montana | 3,919 | 3,272 | 2,841 | 431 | 1,078 |
| Nebraska | 6,312 | 6,361 | 5,371 | 990 | 941 |
| Nevada | 2,512 | 2,388 | 1,806 | 582 | 706 |
| New Hampshire | 3,952 | 2,602 | 2,012 | 590 | 1,940 |
| New Jersey | 11,302 | 17,576 | 10,505 | 7,071 | 797 |
| New Mexico | 4,240 | 4,373 | 3,453 | 920 | 787 |
| New York | 32,583 | 37,666 | 30,214 | 7,452 | 2,369 |
| North Carolina | 20,369 | 17,849 | 16,919 | 930 | 3,450 |
| North Dakota | 3,921 | 2,829 | 2,282 | 547 | 1,639 |
| Ohio | 31,867 | 32,009 | 28,604 | 3,405 | 3,263 |
| Oklahoma | 8,407 | 8,006 | 7,357 | 649 | 1,050 |
| Oregon | 6,134 | 5,455 | 4,549 | 906 | 1,585 |
| Pennsylvania | 30,380 | 31,660 | 26,954 | 4,706 | 3,426 |
| Rhode Island | 2,643 | 2,029 | 1,473 | 556 | 1,170 |
| South Carolina | 10,396 | 8,692 | 7,684 | 1,008 | 2,712 |
| South Dakota | 3,878 | 3,323 | 2,611 | 712 | 1,267 |
| Tennessee | 11,148 | 11,461 | 9,586 | 1,875 | 1,562 |
| Texas | 41,839 | 41,355 | 38,119 | 3,236 | 3,720 |
| Utah | 10,100 | 8,255 | 8,036 | 219 | 2,064 |
| Vermont | 2,589 | 1,447 | 1,024 | 423 | 1,565 |
| Virginia | 20,434 | 18,166 | 15,351 | 2,815 | 5,083 |
| Washington | 9,358 | 9,101 | 8,075 | 1,026 | 1,283 |
| West Virginia | 9,158 | 7,203 | 6,771 | 432 | 2,387 |
| Wisconsin | 16,375 | 16,800 | 14,402 | 2,398 | 1,973 |
| Wyoming | 1,246 | 1,145 | 769 | 376 | 477 |
| State unknown | * | 1,453 | * | 1,453 | * |
| American Samoa | 0 | 9 | 0 | 9 | 0 |
| Federated States of Micronesia | 0 | 63 | 0 | 63 | 0 |
| Guam | 169 | 58 | 0 | 58 | 169 |
| Marshall Islands | 0 | 0 | 0 | 0 | 0 |
| Northern Marianas | 0 | 0 | 0 | 0 | 0 |
| Palau | 0 | 0 | 0 | 0 | 0 |
| Puerto Rico | 8,323 | 8,524 | 8,312 | 212 | 11 |
| Virgin Islands | 282 | 349 | 276 | 73 | 6 |
| Foreign countries | * | 11,545 | * | 11,545 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* = Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

**Table 18 .— Residence and migration of all first-time freshmen enrolled in private 4-year institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 415,615 | 415,615 | 232,632 | 182,983 | 182,983 |
| Alabama | 3,994 | 3,307 | 1,990 | 1,317 | 2,004 |
| Alaska | 71 | 650 | 44 | 606 | 27 |
| Arizona | 2,206 | 2,936 | 1,420 | 1,516 | 786 |
| Arkansas | 2,571 | 2,217 | 1,354 | 863 | 1,217 |
| California | 21,100 | 24,747 | 15,222 | 9,525 | 5,878 |
| Colorado | 2,579 | 4,414 | 1,453 | 2,961 | 1,126 |
| Connecticut | 7,929 | 10,076 | 2,474 | 7,602 | 5,455 |
| Delaware | 816 | 1,292 | 458 | 834 | 358 |
| District of Columbia | 7,204 | 1,368 | 513 | 855 | 6,691 |
| Florida | 12,446 | 13,151 | 7,336 | 5,815 | 5,110 |
| Georgia | 10,399 | 8,411 | 5,149 | 3,262 | 5,250 |
| Hawaii | 2,486 | 1,907 | 798 | 1,109 | 1,688 |
| Idaho | 426 | 967 | 169 | 798 | 257 |
| Illinois | 20,860 | 22,966 | 14,384 | 8,582 | 6,476 |
| Indiana | 12,872 | 9,944 | 6,936 | 3,008 | 5,936 |
| Iowa | 7,663 | 5,361 | 3,737 | 1,624 | 3,926 |
| Kansas | 2,343 | 2,650 | 1,246 | 1,404 | 1,097 |
| Kentucky | 4,781 | 4,643 | 3,185 | 1,458 | 1,596 |
| Louisiana | 4,065 | 2,858 | 1,491 | 1,367 | 2,574 |
| Maine | 2,311 | 3,114 | 772 | 2,342 | 1,539 |
| Maryland | 4,260 | 8,015 | 1,562 | 6,453 | 2,698 |
| Massachusetts | 29,803 | 19,618 | 10,723 | 8,895 | 19,080 |
| Michigan | 14,406 | 16,393 | 12,300 | 4,093 | 2,106 |
| Minnesota | 8,126 | 7,806 | 4,871 | 2,935 | 3,255 |
| Mississippi | 1,484 | 1,888 | 1,014 | 874 | 470 |
| Missouri | 9,931 | 8,165 | 5,406 | 2,759 | 4,525 |
| Montana | 825 | 1,432 | 560 | 872 | 265 |
| Nebraska | 2,973 | 2,776 | 1,686 | 1,090 | 1,287 |
| Nevada | 78 | 626 | 32 | 594 | 46 |
| New Hampshire | 3,883 | 3,512 | 1,145 | 2,367 | 2,738 |
| New Jersey | 6,964 | 20,153 | 4,835 | 15,318 | 2,129 |
| New Mexico | 495 | 1,879 | 321 | 1,558 | 174 |
| New York | 50,480 | 48,467 | 32,106 | 16,361 | 18,374 |
| North Carolina | 12,087 | 6,381 | 4,656 | 1,725 | 7,431 |
| North Dakota | 724 | 868 | 415 | 453 | 309 |
| Ohio | 19,432 | 19,081 | 12,920 | 6,161 | 6,512 |
| Oklahoma | 2,498 | 2,761 | 1,454 | 1,307 | 1,044 |
| Oregon | 4,083 | 4,530 | 2,169 | 2,361 | 1,914 |
| Pennsylvania | 32,907 | 25,352 | 17,083 | 8,269 | 15,824 |
| Rhode Island | 6,207 | 2,334 | 784 | 1,550 | 5,423 |
| South Carolina | 5,039 | 4,950 | 3,393 | 1,557 | 1,646 |
| South Dakota | 1,274 | 1,176 | 771 | 405 | 503 |
| Tennessee | 8,623 | 5,753 | 3,609 | 2,144 | 5,014 |
| Texas | 15,244 | 16,768 | 11,541 | 5,227 | 3,703 |
| Utah | 5,016 | 2,122 | 1,695 | 427 | 3,321 |
| Vermont | 2,438 | 1,927 | 680 | 1,247 | 1,758 |
| Virginia | 9,824 | 8,220 | 3,843 | 4,377 | 5,981 |
| Washington | 4,587 | 5,348 | 2,329 | 3,019 | 2,258 |
| West Virginia | 2,336 | 2,242 | 1,227 | 1,015 | 1,109 |
| Wisconsin | 7,755 | 7,443 | 4,703 | 2,740 | 3,052 |
| Wyoming | 0 | 348 | 0 | 348 | 0 |
| State unknown | * | 3,880 | * | 3,880 | * |
| American Samoa | 0 | 35 | 0 | 35 | 0 |
| Federated States of Micronesia | 0 | 108 | 0 | 108 | 0 |
| Guam | 0 | 98 | 0 | 98 | 0 |
| Marshall Islands | 0 | 11 | 0 | 11 | 0 |
| Northern Marianas | 0 | 5 | 0 | 5 | 0 |
| Palau | 0 | 3 | 0 | 3 | 0 |
| Puerto Rico | 12,711 | 13,225 | 12,668 | 557 | 43 |
| Virgin Islands | 0 | 287 | 0 | 287 | 0 |
| Foreign countries | * | 12,650 | * | 12,650 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

**Table 19 .— Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in private 4-year institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 352,135 | 352,135 | 187,663 | 164,472 | 164,472 |
| Alabama | 3,298 | 2,706 | 1,495 | 1,211 | 1,803 |
| Alaska | 37 | 555 | 21 | 534 | 16 |
| Arizona | 1,009 | 1,918 | 555 | 1,363 | 454 |
| Arkansas | 2,308 | 2,018 | 1,252 | 766 | 1,056 |
| California | 17,583 | 21,296 | 12,585 | 8,711 | 4,998 |
| Colorado | 1,753 | 3,532 | 803 | 2,729 | 950 |
| Connecticut | 6,990 | 9,181 | 1,987 | 7,194 | 5,003 |
| Delaware | 594 | 1,083 | 295 | 788 | 299 |
| District of Columbia | 6,476 | 1,086 | 318 | 768 | 6,158 |
| Florida | 8,785 | 9,934 | 4,606 | 5,328 | 4,179 |
| Georgia | 8,463 | 6,653 | 3,653 | 3,000 | 4,810 |
| Hawaii | 881 | 1,348 | 321 | 1,027 | 560 |
| Idaho | 401 | 887 | 159 | 728 | 242 |
| Illinois | 15,922 | 18,679 | 10,719 | 7,960 | 5,203 |
| Indiana | 10,527 | 7,721 | 5,039 | 2,682 | 5,488 |
| Iowa | 6,965 | 4,910 | 3,428 | 1,482 | 3,537 |
| Kansas | 2,000 | 2,349 | 1,093 | 1,256 | 907 |
| Kentucky | 4,191 | 4,063 | 2,758 | 1,305 | 1,433 |
| Louisiana | 3,869 | 2,651 | 1,391 | 1,260 | 2,478 |
| Maine | 2,146 | 2,805 | 678 | 2,127 | 1,468 |
| Maryland | 4,075 | 7,399 | 1,515 | 5,884 | 2,560 |
| Massachusetts | 26,230 | 17,340 | 8,929 | 8,411 | 17,301 |
| Michigan | 9,205 | 10,938 | 7,285 | 3,653 | 1,920 |
| Minnesota | 7,626 | 7,233 | 4,562 | 2,671 | 3,064 |
| Mississippi | 1,361 | 1,751 | 947 | 804 | 414 |
| Missouri | 7,776 | 6,658 | 4,097 | 2,561 | 3,679 |
| Montana | 483 | 1,071 | 275 | 796 | 208 |
| Nebraska | 2,723 | 2,536 | 1,529 | 1,007 | 1,194 |
| Nevada | 40 | 540 | 5 | 535 | 35 |
| New Hampshire | 2,761 | 2,573 | 428 | 2,145 | 2,333 |
| New Jersey | 6,144 | 18,736 | 4,190 | 14,546 | 1,954 |
| New Mexico | 280 | 1,078 | 143 | 935 | 137 |
| New York | 42,872 | 41,838 | 26,440 | 15,398 | 16,432 |
| North Carolina | 11,684 | 5,916 | 4,439 | 1,477 | 7,245 |
| North Dakota | 667 | 799 | 387 | 412 | 280 |
| Ohio | 16,298 | 16,096 | 10,363 | 5,733 | 5,935 |
| Oklahoma | 2,231 | 2,511 | 1,322 | 1,189 | 909 |
| Oregon | 3,758 | 4,139 | 1,960 | 2,179 | 1,798 |
| Pennsylvania | 30,660 | 23,035 | 15,368 | 7,667 | 15,292 |
| Rhode Island | 5,955 | 2,106 | 665 | 1,441 | 5,290 |
| South Carolina | 4,337 | 4,289 | 2,830 | 1,459 | 1,507 |
| South Dakota | 895 | 822 | 445 | 377 | 450 |
| Tennessee | 7,655 | 5,126 | 3,123 | 2,003 | 4,532 |
| Texas | 13,771 | 15,075 | 10,424 | 4,651 | 3,347 |
| Utah | 4,376 | 1,711 | 1,354 | 357 | 3,022 |
| Vermont | 2,099 | 1,617 | 460 | 1,157 | 1,639 |
| Virginia | 8,430 | 7,246 | 3,174 | 4,072 | 5,256 |
| Washington | 4,013 | 4,686 | 1,956 | 2,730 | 2,057 |
| West Virginia | 1,882 | 1,800 | 871 | 929 | 1,011 |
| Wisconsin | 5,968 | 5,876 | 3,368 | 2,508 | 2,600 |
| Wyoming | 0 | 333 | 0 | 333 | 0 |
| State unknown | * | 2,878 | * | 2,878 | * |
| American Samoa | 0 | 21 | 0 | 21 | 0 |
| Federated States of Micronesia | 0 | 46 | 0 | 46 | 0 |
| Guam | 0 | 88 | 0 | 88 | 0 |
| Marshall Islands | 0 | 10 | 0 | 10 | 0 |
| Northern Marianas | 0 | 3 | 0 | 3 | 0 |
| Palau | 0 | 2 | 0 | 2 | 0 |
| Puerto Rico | 11,682 | 12,158 | 11,653 | 505 | 29 |
| Virgin Islands | 0 | 184 | 0 | 184 | 0 |
| Foreign countries | * | 8,496 | * | 8,496 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.



BEST COPY AVAILABLE

**Table 20 .— Residence and migration of all first-time freshmen enrolled in public 2-year institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 942,079 | 942,079 | 896,388 | 45,691 | 45,691 |
| Alabama | 21,926 | 21,581 | 21,202 | 379 | 724 |
| Alaska | 1 | 169 | 1 | 168 | 0 |
| Arizona | 19,511 | 18,349 | 18,023 | 326 | 1,488 |
| Arkansas | 3,791 | 4,200 | 3,517 | 683 | 274 |
| California | 183,540 | 178,343 | 176,927 | 1,416 | 6,613 |
| Colorado | 12,816 | 11,323 | 10,865 | 458 | 1,951 |
| Connecticut | 7,177 | 7,258 | 7,019 | 239 | 158 |
| Delaware | 2,031 | 1,952 | 1,885 | 67 | 146 |
| District of Columbia | 0 | 124 | 0 | 124 | 0 |
| Florida | 37,506 | 34,793 | 33,924 | 869 | 3,582 |
| Georgia | 24,317 | 24,230 | 23,523 | 707 | 794 |
| Hawaii | 5,702 | 5,767 | 5,588 | 179 | 114 |
| Idaho | 2,679 | 2,664 | 2,391 | 273 | 288 |
| Illinois | 65,580 | 66,083 | 65,022 | 1,061 | 558 |
| Indiana | 6,523 | 6,455 | 5,795 | 660 | 728 |
| Iowa | 18,472 | 17,567 | 17,210 | 357 | 1,262 |
| Kansas | 11,680 | 10,748 | 10,545 | 203 | 1,135 |
| Kentucky | 8,966 | 9,140 | 8,669 | 471 | 297 |
| Louisiana | 4,881 | 5,402 | 4,814 | 588 | 67 |
| Maine | 1,571 | 1,624 | 1,515 | 109 | 56 |
| Maryland | 16,762 | 16,278 | 15,951 | 327 | 811 |
| Massachusetts | 19,300 | 18,785 | 18,381 | 404 | 919 |
| Michigan | 38,022 | 38,311 | 37,548 | 763 | 474 |
| Minnesota | 17,162 | 15,452 | 14,823 | 629 | 2,339 |
| Mississippi | 16,489 | 16,053 | 15,814 | 239 | 675 |
| Missouri | 9,763 | 10,365 | 9,505 | 860 | 258 |
| Montana | 1,108 | 1,496 | 1,051 | 445 | 57 |
| Nebraska | 6,137 | 6,253 | 5,848 | 405 | 289 |
| Nevada | 3,569 | 2,861 | 2,548 | 313 | 1,021 |
| New Hampshire | 1,743 | 2,107 | 1,565 | 542 | 178 |
| New Jersey | 21,868 | 22,094 | 21,467 | 627 | 401 |
| New Mexico | 8,049 | 7,846 | 7,356 | 490 | 693 |
| New York | 55,138 | 54,170 | 53,359 | 811 | 1,779 |
| North Carolina | 16,770 | 16,308 | 16,033 | 275 | 737 |
| North Dakota | 2,804 | 2,774 | 2,379 | 395 | 425 |
| Ohio | 27,529 | 27,221 | 26,641 | 580 | 888 |
| Oklahoma | 14,553 | 14,615 | 13,978 | 637 | 575 |
| Oregon | 11,671 | 10,698 | 10,505 | 193 | 1,166 |
| Pennsylvania | 24,831 | 25,584 | 24,537 | 1,047 | 294 |
| Rhode Island | 2,602 | 2,563 | 2,436 | 127 | 166 |
| South Carolina | 11,712 | 11,637 | 11,397 | 240 | 315 |
| South Dakota | 59 | 308 | 52 | 256 | 7 |
| Tennessee | 11,583 | 11,825 | 11,341 | 484 | 242 |
| Texas | 62,435 | 59,617 | 58,935 | 682 | 3,500 |
| Utah | 7,649 | 7,372 | 7,232 | 140 | 417 |
| Vermont | 759 | 867 | 695 | 172 | 64 |
| Virginia | 12,460 | 11,952 | 11,603 | 349 | 857 |
| Washington | 53,595 | 49,771 | 49,161 | 610 | 4,434 |
| West Virginia | 2,355 | 2,442 | 1,981 | 461 | 374 |
| Wisconsin | 18,544 | 18,771 | 18,006 | 765 | 538 |
| Wyoming | 3,270 | 2,824 | 2,716 | 108 | 554 |
| State unknown | * | 16,373 | * | 16,373 | * |
| American Samoa | 0 | 9 | 0 | 9 | 0 |
| Federated States of Micronesia | 410 | 771 | 409 | 362 | 1 |
| Guam | 18 | 31 | 14 | 17 | 4 |
| Marshall Islands | 22 | 23 | 18 | 5 | 4 |
| Northern Marianas | 440 | 445 | 440 | 5 | 0 |
| Palau | 13 | 16 | 13 | 3 | 0 |
| Puerto Rico | 2,215 | 2,319 | 2,215 | 104 | 0 |
| Virgin Islands | 0 | 27 | 0 | 27 | 0 |
| Foreign countries | * | 5,073 | * | 5,073 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

**Table 21 .— Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in public 2-year institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 453,344 | 453,344 | 436,390 | 16,954 | 16,954 |
| Alabama | 11,793 | 11,571 | 11,392 | 179 | 401 |
| Alaska | 0 | 78 | 0 | 78 | 0 |
| Arizona | 6,683 | 6,310 | 6,151 | 159 | 532 |
| Arkansas | 2,308 | 2,551 | 2,119 | 432 | 189 |
| California | 102,753 | 100,040 | 99,595 | 445 | 3,158 |
| Colorado | 2,774 | 2,793 | 2,503 | 290 | 271 |
| Connecticut | 2,565 | 2,641 | 2,541 | 100 | 24 |
| Delaware | 923 | 879 | 857 | 22 | 66 |
| District of Columbia | 0 | 49 | 0 | 49 | 0 |
| Florida | 21,290 | 20,309 | 19,942 | 367 | 1,348 |
| Georgia | 10,056 | 10,155 | 9,823 | 332 | 233 |
| Hawaii | 3,067 | 3,132 | 3,011 | 121 | 56 |
| Idaho | 1,477 | 1,388 | 1,258 | 130 | 219 |
| Illinois | 28,028 | 28,392 | 27,890 | 502 | 138 |
| Indiana | 3,266 | 3,332 | 3,052 | 280 | 214 |
| Iowa | 8,481 | 8,110 | 7,956 | 154 | 525 |
| Kansas | 5,765 | 5,073 | 4,996 | 77 | 769 |
| Kentucky | 5,551 | 5,541 | 5,371 | 170 | 180 |
| Louisiana | 2,573 | 2,862 | 2,539 | 323 | 34 |
| Maine | 793 | 797 | 751 | 46 | 42 |
| Maryland | 7,661 | 7,420 | 7,288 | 132 | 373 |
| Massachusetts | 7,284 | 7,234 | 7,024 | 210 | 260 |
| Michigan | 17,375 | 17,452 | 17,171 | 281 | 204 |
| Minnesota | 6,830 | 6,693 | 6,315 | 378 | 515 |
| Mississippi | 11,260 | 10,948 | 10,826 | 122 | 434 |
| Missouri | 5,293 | 5,544 | 5,175 | 369 | 118 |
| Montana | 608 | 905 | 570 | 335 | 38 |
| Nebraska | 2,482 | 2,505 | 2,319 | 186 | 163 |
| Nevada | 705 | 807 | 612 | 195 | 93 |
| New Hampshire | 903 | 1,002 | 817 | 185 | 86 |
| New Jersey | 12,358 | 12,474 | 12,169 | 305 | 189 |
| New Mexico | 3,023 | 2,886 | 2,648 | 238 | 375 |
| New York | 28,731 | 28,456 | 28,137 | 319 | 594 |
| North Carolina | 6,527 | 6,507 | 6,385 | 122 | 142 |
| North Dakota | 1,972 | 1,692 | 1,622 | 70 | 350 |
| Ohio | 12,057 | 12,025 | 11,778 | 247 | 279 |
| Oklahoma | 5,562 | 5,680 | 5,305 | 375 | 257 |
| Oregon | 6,591 | 6,341 | 6,254 | 87 | 337 |
| Pennsylvania | 10,566 | 10,961 | 10,508 | 453 | 58 |
| Rhode Island | 1,522 | 1,471 | 1,423 | 48 | 99 |
| South Carolina | 5,895 | 5,850 | 5,753 | 97 | 142 |
| South Dakota | 8 | 162 | 7 | 155 | 1 |
| Tennessee | 7,027 | 7,125 | 6,884 | 241 | 143 |
| Texas | 30,014 | 28,979 | 28,684 | 295 | 1,330 |
| Utah | 4,714 | 4,534 | 4,458 | 76 | 256 |
| Vermont | 93 | 171 | 87 | 84 | 6 |
| Virginia | 6,493 | 6,433 | 6,286 | 147 | 207 |
| Washington | 14,939 | 14,507 | 14,261 | 246 | 678 |
| West Virginia | 1,089 | 1,085 | 888 | 197 | 201 |
| Wisconsin | 8,737 | 8,881 | 8,536 | 345 | 201 |
| Wyoming | 1,980 | 1,619 | 1,557 | 62 | 423 |
| State unknown | * | 4,273 | * | 4,273 | * |
| American Samoa | 0 | 8 | 0 | 8 | 0 |
| Federated States of Micronesia | 212 | 306 | 212 | 94 | 0 |
| Guam | 8 | 20 | 7 | 13 | 1 |
| Marshall Islands | 11 | 12 | 9 | 3 | 2 |
| Northern Marianas | 440 | 442 | 440 | 2 | 0 |
| Palau | 13 | 15 | 13 | 2 | 0 |
| Puerto Rico | 2,215 | 2,257 | 2,215 | 42 | 0 |
| Virgin Islands | 0 | 10 | 0 | 10 | 0 |
| Foreign countries | * | 1,649 | * | 1,649 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994



BEST COPY AVAILABLE

**Table 22 .— Residence and migration of all first-time freshmen enrolled in private 2-year institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 64,370 | 64,370 | 51,683 | 12,687 | 12,687 |
| Alabama | 569 | 510 | 428 | 82 | 141 |
| Alaska | 30 | 80 | 30 | 50 | 0 |
| Arizona | 441 | 486 | 319 | 167 | 122 |
| Arkansas | 170 | 53 | 0 | 53 | 170 |
| California | 3,716 | 3,856 | 3,295 | 561 | 421 |
| Colorado | 1,263 | 1,056 | 901 | 155 | 362 |
| Connecticut | 401 | 659 | 273 | 386 | 128 |
| Delaware | 0 | 39 | 0 | 39 | 0 |
| District of Columbia | 0 | 18 | 0 | 18 | 0 |
| Florida | 1,660 | 1,671 | 1,377 | 294 | 283 |
| Georgia | 2,221 | 2,027 | 1,818 | 209 | 403 |
| Hawaii | 0 | 62 | 0 | 62 | 0 |
| Idaho | 2,771 | 1,218 | 1,081 | 137 | 1,690 |
| Illinois | 2,486 | 2,807 | 2,375 | 432 | 111 |
| Indiana | 1,539 | 1,602 | 1,240 | 362 | 299 |
| Iowa | 478 | 547 | 468 | 79 | 10 |
| Kansas | 242 | 145 | 87 | 58 | 155 |
| Kentucky | 1,383 | 1,453 | 1,254 | 199 | 129 |
| Louisiana | 404 | 476 | 404 | 72 | 0 |
| Maine | 424 | 612 | 414 | 198 | 10 |
| Maryland | 347 | 298 | 151 | 147 | 196 |
| Massachusetts | 4,084 | 3,804 | 3,263 | 541 | 821 |
| Michigan | 486 | 695 | 457 | 238 | 29 |
| Minnesota | 972 | 875 | 822 | 53 | 150 |
| Mississippi | 487 | 441 | 414 | 27 | 73 |
| Missouri | 2,195 | 1,560 | 1,418 | 142 | 777 |
| Montana | 60 | 221 | 60 | 161 | 0 |
| Nebraska | 104 | 173 | 104 | 69 | 0 |
| Nevada | 27 | 114 | 2 | 112 | 25 |
| New Hampshire | 1,508 | 741 | 621 | 120 | 887 |
| New Jersey | 1,509 | 1,704 | 1,288 | 416 | 221 |
| New Mexico | 349 | 404 | 321 | 83 | 28 |
| New York | 6,971 | 7,214 | 6,546 | 668 | 425 |
| North Carolina | 956 | 1,006 | 641 | 365 | 315 |
| North Dakota | 90 | 56 | 35 | 21 | 55 |
| Ohio | 4,489 | 3,246 | 2,805 | 441 | 1,684 |
| Oklahoma | 685 | 581 | 493 | 88 | 192 |
| Oregon | 61 | 274 | 38 | 236 | 23 |
| Pennsylvania | 6,694 | 6,049 | 5,692 | 357 | 1,002 |
| Rhode Island | 892 | 701 | 554 | 147 | 338 |
| South Carolina | 580 | 697 | 522 | 175 | 58 |
| South Dakota | 39 | 95 | 38 | 57 | 1 |
| Tennessee | 1,111 | 1,128 | 1,004 | 124 | 107 |
| Texas | 2,233 | 2,295 | 2,054 | 241 | 179 |
| Utah | 526 | 847 | 368 | 479 | 158 |
| Vermont | 39 | 124 | 3 | 121 | 36 |
| Virginia | 1,502 | 1,794 | 1,398 | 396 | 104 |
| Washington | 481 | 597 | 285 | 312 | 196 |
| West Virginia | 147 | 286 | 140 | 146 | 7 |
| Wisconsin | 664 | 836 | 657 | 179 | 7 |
| Wyoming | 184 | 110 | 25 | 85 | 159 |
| State unknown | * | 1,065 | * | 1,065 | * |
| American Samoa | 0 | 0 | 0 | 0 | 0 |
| Federated States of Micronesia | 0 | 151 | 0 | 151 | 0 |
| Guam | 0 | 0 | 0 | 0 | 0 |
| Marshall Islands | 0 | 0 | 0 | 0 | 0 |
| Northern Marianas | 0 | 0 | 0 | 0 | 0 |
| Palau | 0 | 0 | 0 | 0 | 0 |
| Puerto Rico | 3,700 | 3,702 | 3,700 | 2 | 0 |
| Virgin Islands | 0 | 14 | 0 | 14 | 0 |
| Foreign countries | * | 1,095 | * | 1,095 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* = Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994

**Table 23 .— Residence and migration of first-time freshmen graduating from high school in the past 12 months enrolled in private 2-year institutions of higher education, by state: Fall 1994**

| State | Students enrolled in state | Student residents of state | Students remaining in state | Migration of students | |
|---|---|---|---|---|---|
| | | | | Out of state | Into state |
| U.S. and outlying areas | 30,661 | 30,661 | 23,602 | 7,059 | 7,059 |
| Alabama | 251 | 170 | 118 | 52 | 133 |
| Alaska | 5 | 32 | 5 | 27 | 0 |
| Arizona | 230 | 287 | 183 | 104 | 47 |
| Arkansas | 3 | 27 | 0 | 27 | 3 |
| California | 1,404 | 1,519 | 1,242 | 277 | 162 |
| Colorado | 568 | 435 | 327 | 108 | 241 |
| Connecticut | 297 | 497 | 184 | 313 | 113 |
| Delaware | 0 | 18 | 0 | 18 | 0 |
| District of Columbia | 0 | 7 | 0 | 7 | 0 |
| Florida | 343 | 362 | 185 | 177 | 158 |
| Georgia | 1,236 | 1,083 | 978 | 105 | 258 |
| Hawaii | 0 | 19 | 0 | 19 | 0 |
| Idaho | 2,092 | 717 | 631 | 86 | 1,461 |
| Illinois | 1,178 | 1,372 | 1,114 | 258 | 64 |
| Indiana | 829 | 924 | 645 | 279 | 184 |
| Iowa | 246 | 290 | 237 | 53 | 9 |
| Kansas | 148 | 78 | 42 | 36 | 106 |
| Kentucky | 461 | 502 | 392 | 110 | 69 |
| Louisiana | 217 | 253 | 217 | 36 | 0 |
| Maine | 117 | 228 | 108 | 120 | 9 |
| Maryland | 120 | 136 | 60 | 76 | 60 |
| Massachusetts | 2,377 | 1,867 | 1,637 | 230 | 740 |
| Michigan | 228 | 384 | 207 | 177 | 21 |
| Minnesota | 659 | 555 | 527 | 28 | 132 |
| Mississippi | 246 | 220 | 206 | 14 | 40 |
| Missouri | 688 | 510 | 436 | 74 | 252 |
| Montana | 21 | 151 | 21 | 130 | 0 |
| Nebraska | 15 | 61 | 15 | 46 | 0 |
| Nevada | 25 | 72 | 2 | 70 | 23 |
| New Hampshire | 532 | 304 | 207 | 97 | 325 |
| New Jersey | 720 | 895 | 622 | 273 | 98 |
| New Mexico | 150 | 185 | 135 | 50 | 15 |
| New York | 2,661 | 2,790 | 2,378 | 412 | 283 |
| North Carolina | 838 | 688 | 542 | 146 | 296 |
| North Dakota | 49 | 33 | 18 | 15 | 31 |
| Ohio | 1,555 | 1,543 | 1,238 | 305 | 317 |
| Oklahoma | 316 | 285 | 237 | 48 | 79 |
| Oregon | 4 | 168 | 3 | 165 | 1 |
| Pennsylvania | 3,332 | 2,925 | 2,713 | 212 | 619 |
| Rhode Island | 224 | 189 | 83 | 106 | 141 |
| South Carolina | 366 | 440 | 327 | 113 | 39 |
| South Dakota | 5 | 35 | 4 | 31 | 1 |
| Tennessee | 697 | 695 | 634 | 61 | 63 |
| Texas | 1,124 | 1,177 | 1,035 | 142 | 89 |
| Utah | 230 | 572 | 146 | 426 | 84 |
| Vermont | 21 | 71 | 2 | 69 | 19 |
| Virginia | 412 | 540 | 330 | 210 | 82 |
| Washington | 268 | 323 | 133 | 190 | 135 |
| West Virginia | 33 | 95 | 31 | 64 | 2 |
| Wisconsin | 324 | 456 | 321 | 135 | 3 |
| Wyoming | 60 | 76 | 8 | 68 | 52 |
| State unknown | * | 217 | * | 217 | * |
| American Samoa | 0 | 0 | 0 | 0 | 0 |
| Federated States of Micronesia | 0 | 47 | 0 | 47 | 0 |
| Guam | 0 | 0 | 0 | 0 | 0 |
| Marshall Islands | 0 | 0 | 0 | 0 | 0 |
| Northern Marianas | 0 | 0 | 0 | 0 | 0 |
| Palau | 0 | 0 | 0 | 0 | 0 |
| Puerto Rico | 2,736 | 2,738 | 2,736 | 2 | 0 |
| Virgin Islands | 0 | 11 | 0 | 11 | 0 |
| Foreign countries | * | 387 | * | 387 | * |

NOTE: Students enrolled in state = Students remaining in state + Migration of students into state
Student residents of state = Students remaining in state + Migration of students out of state
* - Not applicable
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

BEST COPY AVAILABLE

## Appendix A: Description of the Survey

The Fall Enrollment survey with part C, the residence component was sent to the universe of accredited institutions[4] and to all other institutions offering a bachelor's, master's, doctor's or first-professional degree. As shown below in Table A1, there are two versions of the Fall Enrollment survey: "EF1", which was sent to 4-year institutions, is designed to collect the most detailed enrollment data; and "EF2", which was sent to less-than 4-year institutions, is designed to collect more limited enrollment data. Both, however, collect the same level of detail on the residence component.

**Table A1.--Data requested in the 1994 Fall Enrollment Survey, by survey form**

| Survey | Enrollment data requested |
|---|---|
| EF1 & EF2 | • Attendance Status - full-time and part-time<br>• Sex of student<br>• Race/ethnicity<br>• Degree-seeking status<br>• Residence and migration |
| EF1 only | • Student level - undergraduate, first-professional, graduate<br>• Year of study - first-time and all other undergraduate years, graduate (first-time vs. all others), first-professional (first-time vs. all others) |
| EF2 only | • Year of study (first-time vs. all others) |

Fall enrollment counts are based on part A of the survey. Information on race/ethnicity, sex, and level of attendance is also collected via part A. Data about student age are collected via part B of the IPEDS survey in odd-numbered years, while data about the residence of first-time freshmen are collected with part C in even-numbered years.

[4]Accredited institutions are those institutions of higher education (i.e., HEGIS institutions) which are accredited at the collegiate level by an agency recognized by the Secretary, U.S. Department of Education.

## Appendix B: Survey Methodology

### Overview

1994 Fall enrollment data collected through the National Center for Education Statistics represent 8,741 postsecondary institutions that are eligible to participate in Title IV programs (financial aid) in the United States and its outlying areas. The 1994 Fall Enrollment survey (either EF1 or EF2) was sent to the universe of institutions[5] accredited at the collegiate level and to all other institutions offering a bachelor's, master's, doctor's or first-professional degree. Enrollment data were collected from all remaining 4-year, 2-but-less-than-4-year, and less-than-2-year institutions eligible for Title IV funding via the Consolidated survey. The Consolidated survey is designed to collect information from noncollegiate institutions on fall enrollment, finance, fall staff, completions, and occupationally specific enrollment. It does not collect residence and migration data. Although total fall enrollment includes data collected via the Consolidated survey, the residence and migration data presented in this report do not include data from any schools that received a Consolidated survey.

Students **included** in the Fall Enrollment survey:

- students enrolled in courses creditable toward a degree or other formal award;
- students enrolled in courses that are part of a vocational or occupational program, including those enrolled in off-campus centers; and
- high school students taking regular college courses for credit.

Students **excluded** from the Fall Enrollment survey:

- students enrolled exclusively in courses not creditable toward a formal award and not in a postsecondary vocational program;
- students enrolled exclusively in remedial courses;
- students exclusively auditing classes;
- students studying abroad (e.g., at a foreign university) if their enrollment at the institution is only an administrative record and the fee is only nominal;
- students in any branch campus located in a foreign country; and

[5] Accredited institutions are those institutions of higher education (i.e., HEGIS institutions) that are accredited at the collegiate level by an agency recognized by the Secretary, U.S. Department of Education.

students earning continuing education units (CEU's) only.

**Universe, Institutions Surveyed and Response Rates**

A universe of 9,260 postsecondary institutions was initially established as being eligible to participate in Title IV programs by the IPEDS 1993-94 Institutional Characteristics survey. Fall Enrollment survey forms were mailed in July 1994: (1) EF1 forms were mailed to 2,645 institutions; (2) EF2 forms to 1,471 institutions; and (3) CN forms to 5,144 institutions. The survey results were collected from November 1994 through June 1995. During this time period, institutions determined to be out-of-scope were deleted from the universe. These deletions resulted from formal notification by IPEDS state coordinators, the Department of Education eligibility notices, and followup telephone calls. Included in the deletions were: (1) duplicates of other institutions on the file; (2) institutions that had closed or merged with another institution, and thus were no longer a legitimate institution or branch; (3) institutions that no longer offered postsecondary programs; or (4) schools that did not to conform to the IPEDS definition of an institution or branch. At the conclusion of this process, 8,741 institutions were contained in the final 1994 fall enrollment universe. The final universe was also adjusted to reflect institutions that changed from one sector to another subsequent to survey mailout. Twelve institutions, representing 7,583 students, were recognized as higher education institutions subsequent to survey mailout. Their enrollments are not counted in the 1994 residence and migration data.

Followup for nonresponse began in November 1994 and was conducted by letter and telephone. The Postsecondary Education Telephone System (PETS) was used to collect data from the nonrespondents to the surveys in that group of institutions for which IPEDS state coordinators were not responsible for followup. Institutions responding through PETS were asked to provide the total number of men and women enrolled, by level of enrollment and total enrollment, by race-ethnicity and sex.

Table B1 shows the number of institutions that were mailed the 1994 Fall Enrollment survey (or the Consolidated form) by accreditation status, level and control of institution; the final in-scope universe of institutions receiving either survey form; the number of in-scope institutions that responded; and the response rates.

## Table B1.--Number of institutions in the 1994 Fall Enrollment Survey and survey response rates by survey form, accreditation status, and by sector of institution

| Survey form and sector of institution | Mailed | Final Universe | Number Responded | Response Rate |
|---|---|---|---|---|
| All postsecondary | 9,260 | 8,741 | 7,834 | 89.6 |
| EF1 form | 2,645 | 2,653 | 2,392 | 90.2 |
| EF2 form | 1,471 | 1,416 | 1,327 | 93.7 |
| Consolidated form | 5,144 | 4,672 | 4,115 | 88.1 |
| 4-year | 2,791 | 2,759 | 2,465 | 89.3 |
| Public | 631 | 628 | 623 | 99.2 |
| Nonprofit | 1,988 | 1,963 | 1,713 | 87.3 |
| For-profit | 172 | 168 | 129 | 76.8 |
| 2-year | 2,610 | 2,545 | 2,372 | 93.2 |
| Public | 1,272 | 1,266 | 1,198 | 94.6 |
| Nonprofit | 613 | 600 | 549 | 91.5 |
| For-profit | 725 | 679 | 625 | 92.0 |
| Less-than-2-year | 3,859 | 3,437 | 2,997 | 87.2 |
| Public | 273 | 263 | 240 | 91.3 |
| Nonprofit | 279 | 252 | 214 | 84.9 |
| For-profit | 3,307 | 2,922 | 2,543 | 87.0 |
| Higher education | 3,747 | 3,711 | 3,552 | 95.7 |
| 4-year | 2,255 | 2,245 | 2,177 | 97.0 |
| Public | 617 | 617 | 612 | 99.2 |
| Nonprofit | 1,541 | 1,530 | 1,470 | 96.1 |
| For-profit | 97 | 98 | 95 | 96.9 |
| 2-year | 1,466 | 1,449 | 1,360 | 93.9 |
| Public | 1,049 | 1,039 | 979 | 94.2 |
| Nonprofit | 185 | 183 | 167 | 91.3 |
| For-profit | 232 | 227 | 214 | 94.3 |
| Less-than-2-year | 26 | 17 | 15 | 88.2 |
| Public | 1 | - | - | - |
| Nonprofit | 5 | 4 | 4 | 100.0 |
| For-profit | 20 | 13 | 11 | 84.6 |
| All other postsecondary | 5,513 | 5,030 | 4,282 | 85.1 |
| 4-year | 536 | 514 | 288 | 56.0 |
| Public | 14 | 11 | 11 | 100.0 |
| Nonprofit | 447 | 433 | 243 | 56.1 |
| For-profit | 75 | 70 | 34 | 48.6 |
| 2-year | 1,144 | 1,096 | 1,012 | 92.3 |
| Public | 223 | 227 | 219 | 96.5 |
| Nonprofit | 428 | 417 | 382 | 91.6 |
| For-profit | 493 | 452 | 411 | 90.9 |
| Less-than-2-year | 3,833 | 3,420 | 2,982 | 87.2 |
| Public | 272 | 263 | 240 | 91.3 |
| Nonprofit | 274 | 248 | 210 | 84.7 |
| For-profit | 3,287 | 2,909 | 2,532 | 87.0 |

Table notes:

1. By definition, 4-year institutions offer a bachelor's degree or postbaccalaureate award of some kind; 2-year institutions offer at least one program of at least 2 years' duration; and less-than-2-year schools offer only programs of less-than-2-years duration.

2. The sector of an institution at the time of mailout may differ from its sector in the final universe because a school's sector may change because of a shift in the highest level of offering, or due to improper classification by sector the prior year. Because of this sector change some 4-year institutions may return an EF2 form and 2-year institutions may return an EF1 form.

3. Response rates were calculated as the ratio of the number of completed survey forms divided by the number of schools in the final universe. Any institution was considered a respondent if it supplied total enrollment by sex.

## Survey Conduct and Editing

The Fall Enrollment survey carries a due date of November 15. Extensive followup for survey nonresponse was conducted from November 1994 through April 1995. Initially, reminder letters were mailed, encouraging nonresponding institutions to complete and return their forms; and subsequently, the Postsecondary Education Telephone System (PETS) was used to collect only critical data by telephone from an institutional representative. All data, whether received on paper forms or through the PETS system, went through the same editing process.

Survey responses were edited for internal and inter-year consistency. The following editing procedures were used:

(1) All program entries (submissions by field) were checked for CIP code validity against the 1990 version of ***A Classification of Instructional Programs*** and to confirm these were the fields requested by the Office for Civil Rights. (even numbered years only)

(2) Addition checks were performed by adding down the columns and comparing generated totals with reported totals. If the reported total differed from the generated total but was within a designated range, the reported total was replaced by the generated total and the cell was flagged with the proper impute code. If the difference exceeded the designated range, institutions were contacted for verification/correction. Addition checks were also performed by generating totals for men and women across columns in each line of data submitted on the form. These generated totals by sex were compared to the reported totals and a balance field was created if they differed.

(3) Comparisons were also made with the number of students reported for selected items for the prior year. If the differences were sufficiently large to trigger an edit flag, institutions were contacted for verification.

(4) Part C data were edited in a similar manner. Addition checks were performed and compared to reported totals in part C and to corresponding totals in Part A. Balances were generated when these numbers differed. If the balance was outside a certain range the institutions were contacted for verification/correction. If the balance was inside a certain range the Part C total was replaced by corresponding value in Part A. The balance was then allocated among the state of residence categories using the state of residence distribution actually reported by the institution.

## Data Management and Imputation

Data for part A enrollment by race-ethnicity were imputed for nonresponding institutions. The following imputation procedures were used:

For institutions with reported data on the prior year 1993 enrollment file: All institutions that reported data in both 1993 and 1994 were grouped by level of offering and control of institution. Enrollment data were then aggregated for each group and percent changes were calculated. For each nonresponding institution in 1994 their 1993 enrollment data were adjusted by the percent changes of the group to which that institution belonged.

Imputations for all items for institutions with no prior year report were based on current year group means or ratios derived for similar institutions with reported data in 1994. Groups were formed by combining institutions by level of offering and control of institution.

Data for part C enrollment of first-time freshman by state of residence were imputed for nonresponding institutions; The following imputation procedure were used:

For institutions that reported data for first-time freshman in part A, but did not report residence data in part C in 1994, and reported residence data in 1992, the reported first-time freshman in Part A was distributed in the same proportion as the reported 1992 data by state of residence.

For institutions that did not respond to any part of the 1994 fall enrollment survey but did respond to the 1993 fall enrollment survey the total first-time freshman in part A were imputed as described above. If the institution had reported residence and migration data in 1992 then the imputed first-time freshman in part A was distributed in the same proportion as the reported 1992 data by state of residence.

Imputation was not done if the institution did not report residence and migration data in 1992. For these institutions the imputed or reported value of first-time freshman from part A was set equal to line 99 of part C and a balance line (98) which is also equal to line 99 was created. This was done to make grand total in part C consistent with part A and detail of part C consistent with the grand total of part C for both EF1 and EF2 records. Part C was not on the CN form.

For institutions, that responded to (column 1) all first-time freshman, but did not respond to (column 2) first-time freshman who graduated from high school in the past 12 months, the following partial imputation procedure was used:

For all institutions that responded to both columns 1 and 2, a ratio was

computed by dividing all first-time freshmen graduating from high school in the past 12 months by all first-time freshmen at the institution. A median ratio was then computed by sector and state of institution. All for-profit institutions were combined into one sector. For each institution that did not respond to column 2, the total first-time freshman reported in column 1 by state of residence was multiplied by the median ratio of the institution's sector and state to impute first-time freshmen who graduated from high school in the past 12 months by state of residence.

Table B2 compares the number of higher education institutions with first-time freshman and the total enrollment of all first-time freshman for parts A and C. 3,084 institutions reported first-time freshman in part A. 3,051 of those institutions reported enrollment by state of residence. Of the 33 institutions that did not report, 19 were imputed using the methods described above and 14 were not imputed, accounting for 15,392 students.

**Table B2.--Number of higher education institutions and total enrollment of first-time freshmen for parts A and C in the 1994 Fall Enrollment Survey, by survey form and by response status of institution**

| Survey form and Response status | Part A total | Part C total | Part C reported | Part C imputed | Part C not imputed |
|---|---|---|---|---|---|
| Number of institutions | 3,233 | 3,152 | N/A | N/A | N/A |
| CN form total | 22 | N/A | N/A | N/A | N/A |
| EF form total | 3,211 | 3,152 | 3,051 | 101 | 59 |
| EF form reported | 3,084 | 3,070 | 3,051 | 19 | 14 |
| EF form imputed | 127 | 82 | 0 | 82 | 45 |
| Total enrollment | 2,163,778 | N/A | N/A | N/A | N/A |
| CN form total | 7,583 | N/A | N/A | N/A | N/A |
| EF form total | 2,156,195 | 2,140,803 | 2,051,464 | 89,339 | 15,392 |
| EF form reported | 2,061,979 | 2,059,512 | 2,051,464 | 8,048 | 2,467 |
| EF form imputed | 94,216 | 81,291 | 0 | 81,291 | 12,925 |

Table notes:

Part C total = Part C reported + Part C imputed
Part C not imputed = Part A total - Part C total

Table B3 compares the enrollment of all first-time freshmen for parts A and C in higher education institutions for each state and the outlying areas.

**Table B3.— Reported and imputed first-time freshmen enrolled in all institutions of higher education, by survey form and part, and by state: Fall 1994**

| State | Part A | | | Part C | | | Part A, EF minus Part C, total |
|---|---|---|---|---|---|---|---|
| | EF and CN | CN form | EF form | Total | Reported | Imputed | |
| U.S. and outlying areas | 2,163,778 | 7,583 | 2,156,195 | 2,140,803 | 2,051,464 | 89,339 | 15,392 |
| Alabama | 47,667 | 0 | 47,667 | 41,542 | 41,542 | 0 | 6,125 |
| Alaska | 1,835 | 74 | 1,761 | 1,761 | 1,761 | 0 | 0 |
| Arizona | 32,753 | 0 | 32,753 | 32,753 | 32,753 | 0 | 0 |
| Arkansas | 16,378 | 200 | 16,178 | 16,178 | 15,835 | 343 | 0 |
| California | 258,687 | 41 | 258,646 | 255,308 | 250,451 | 4,857 | 3,338 |
| Colorado | 32,189 | 0 | 32,189 | 32,113 | 32,113 | 0 | 76 |
| Connecticut | 21,525 | 0 | 21,525 | 21,524 | 21,518 | 6 | 1 |
| Delaware | 6,921 | 0 | 6,921 | 6,921 | 6,921 | 0 | 0 |
| District of Columbia | 9,706 | 0 | 9,706 | 9,706 | 9,706 | 0 | 0 |
| Florida | 71,318 | 427 | 70,891 | 70,212 | 69,976 | 236 | 679 |
| Georgia | 58,991 | 0 | 58,991 | 58,991 | 58,737 | 254 | 0 |
| Hawaii | 10,309 | 0 | 10,309 | 10,279 | 10,279 | 0 | 30 |
| Idaho | 10,646 | 0 | 10,646 | 10,646 | 10,646 | 0 | 0 |
| Illinois | 111,309 | 913 | 110,396 | 110,396 | 44,816 | 65,580 | 0 |
| Indiana | 48,059 | 0 | 48,059 | 48,059 | 47,762 | 297 | 0 |
| Iowa | 35,229 | 0 | 35,229 | 35,229 | 35,229 | 0 | 0 |
| Kansas | 24,641 | 0 | 24,641 | 24,641 | 24,641 | 0 | 0 |
| Kentucky | 28,983 | 0 | 28,983 | 28,604 | 28,604 | 0 | 379 |
| Louisiana | 30,951 | 54 | 30,897 | 30,897 | 30,897 | 0 | 0 |
| Maine | 8,149 | 47 | 8,102 | 8,102 | 8,011 | 91 | 0 |
| Maryland | 32,734 | 0 | 32,734 | 32,734 | 32,734 | 0 | 0 |
| Massachusetts | 65,768 | 0 | 65,768 | 65,768 | 64,984 | 784 | 0 |
| Michigan | 83,697 | 0 | 83,697 | 83,446 | 82,756 | 690 | 251 |
| Minnesota | 43,783 | 5,335 | 38,448 | 37,991 | 37,921 | 70 | 457 |
| Mississippi | 25,862 | 0 | 25,862 | 25,862 | 25,747 | 115 | 0 |
| Missouri | 38,544 | 0 | 38,544 | 38,302 | 38,154 | 148 | 242 |
| Montana | 6,819 | 0 | 6,819 | 6,819 | 6,819 | 0 | 0 |
| Nebraska | 16,616 | 0 | 16,616 | 16,616 | 16,616 | 0 | 0 |
| Nevada | 6,939 | 0 | 6,939 | 6,939 | 6,912 | 27 | 0 |
| New Hampshire | 11,373 | 0 | 11,373 | 11,373 | 10,287 | 1,086 | 0 |
| New Jersey | 43,063 | 0 | 43,063 | 43,063 | 43,063 | 0 | 0 |
| New Mexico | 13,864 | 0 | 13,864 | 13,864 | 13,864 | 0 | 0 |
| New York | 157,192 | 35 | 157,157 | 155,799 | 154,412 | 1,387 | 1,358 |
| North Carolina | 51,346 | 0 | 51,346 | 51,346 | 51,346 | 0 | 0 |
| North Dakota | 8,122 | 0 | 8,122 | 8,122 | 8,122 | 0 | 0 |
| Ohio | 88,585 | 41 | 88,544 | 88,460 | 85,159 | 3,301 | 84 |
| Oklahoma | 29,627 | 0 | 29,627 | 29,345 | 27,895 | 1,450 | 282 |
| Oregon | 23,321 | 0 | 23,321 | 23,321 | 19,370 | 3,951 | 0 |
| Pennsylvania | 98,488 | 0 | 98,488 | 97,982 | 97,982 | 0 | 506 |
| Rhode Island | 12,645 | 0 | 12,645 | 12,645 | 12,645 | 0 | 0 |
| South Carolina | 28,577 | 0 | 28,577 | 28,532 | 28,532 | 0 | 45 |
| South Dakota | 6,607 | 7 | 6,600 | 6,600 | 6,494 | 106 | 0 |
| Tennessee | 34,180 | 0 | 34,180 | 33,870 | 33,870 | 0 | 310 |
| Texas | 127,586 | 409 | 127,177 | 127,166 | 126,054 | 1,112 | 11 |
| Utah | 24,383 | 0 | 24,383 | 24,383 | 24,383 | 0 | 0 |
| Vermont | 6,132 | 0 | 6,132 | 6,132 | 6,132 | 0 | 0 |
| Virginia | 45,272 | 0 | 45,272 | 45,272 | 45,186 | 86 | 0 |
| Washington | 68,613 | 0 | 68,613 | 68,604 | 68,604 | 0 | 9 |
| West Virginia | 15,928 | 0 | 15,928 | 15,799 | 15,799 | 0 | 129 |
| Wisconsin | 46,479 | 0 | 46,479 | 46,479 | 45,665 | 814 | 0 |
| Wyoming | 4,814 | 0 | 4,814 | 4,814 | 4,814 | 0 | 0 |
| American Samoa | 948 | 0 | 948 | 0 | 0 | 0 | 948 |
| Federated States of Micronesia | 410 | 0 | 410 | 410 | 410 | 0 | 0 |
| Guam | 956 | 0 | 956 | 956 | 956 | 0 | 0 |
| Marshall Islands | 22 | 0 | 22 | 22 | 22 | 0 | 0 |
| Northern Marianas | 440 | 0 | 440 | 440 | 0 | 440 | 0 |
| Palau | 13 | 0 | 13 | 13 | 13 | 0 | 0 |
| Puerto Rico | 27,408 | 0 | 27,408 | 27,276 | 25,168 | 2,108 | 132 |
| Virgin Islands | 376 | 0 | 376 | 376 | 376 | 0 | 0 |

NOTE: The number of first-time freshmen enrolled as derived from the residence and migration data (part C) was 22,975 less than the number derived from part A of the 1994 fall enrollment survey. Data missing from part C were not imputed if the institution did not respond to the residence and migration survey in fall 1992. Missing data accounted for 15,392 students. Part A enrollment counts also include 7,583 first-time freshmen in institutions that responded to the CN form, which does not have a residence and migration section.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 1994.

## Acknowledgements

The authors appreciate the reviewers of this report: Linda Knopp, American Council on Education; Michael Cohen, Claire Geddes, Lee Hoffman, and Marilyn McMillen, National Center for Education Statistics. The authors also appreciate the technical assistance provided by Martha Hollins.

Creation of the final database used to generate the tables in this report was accomplished through an interagency agreement with the U.S. Department of Commerce, Bureau of the Census. Sandra Reading of the Economic Surveys Division of the Census, along with other members of the Census staff, and a network of state coordinators shared responsibility for data collection and processing, nonresponse followup, and resolution of data inconsistencies. While their names are too numerous to mention here, their time effort, and commitment toward making this an accurate database are gratefully acknowledged.

The authors of this report are indebted to all individuals who completed the survey forms and thus provided the information that made this report possible.



*U.S. Government Printing Office: 1996 - 700-880

United States
Department of Education
Washington, DC 20208–5652

Official Business
Penalty for Private Use, $300

Postage and Fees Paid
U.S. Department of Education
Permit No. G–17

**Third Class**